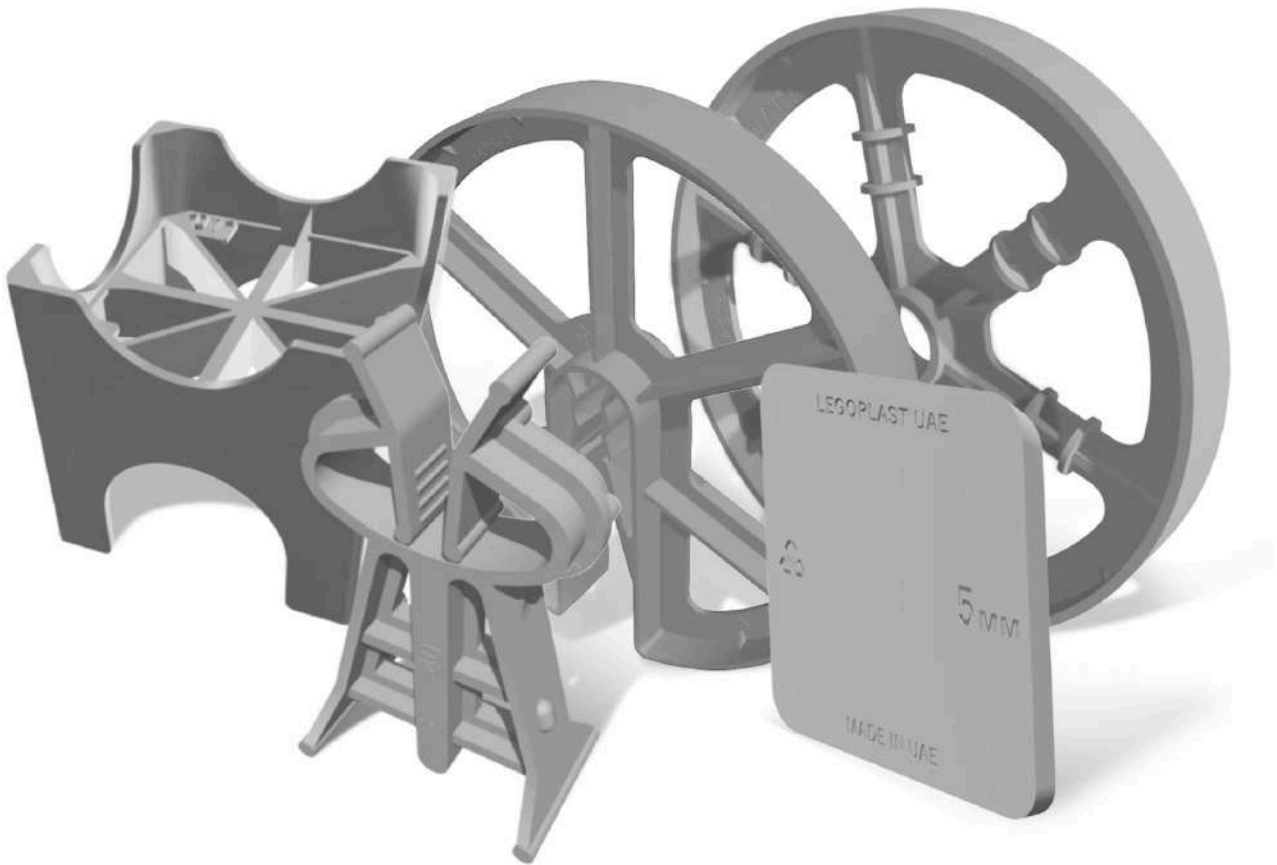


Legoplast

Pre-qualification document for Legoplast Plastic Manufacturing L.L.C



Reduce Costs **Earn Green Certification Credits**

Made in Dubai from recycled materials, our products are strong, highly competitive, and reduce labor hours

Wheel Pile Cage Spacers, Clip-On Spacers,
4-in-1 Cover Blocks, Shim Pads



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Download
Pre-Qualification
File



Recycled plastic for green construction.
Made in Dubai extreme load and temperature resistant
heavy-duty Clip Spacers and 4-in-1 Cover Blocks

Fast Installation
5x faster than concrete block

Green Building
Recycled Material

Easy to Work
No wire ties

LEGOPLAST
INNOVATIONS IN CONSTRUCTION
REDUCE COST



1/2" 12 mm

12mm CLIP-ON SPACER
Heavy-duty plastic snap chair ("A" shape spacer)

LEGOPLAST
INNOVATIONS IN CONSTRUCTION
REDUCE COST



5/8" 16 mm

16mm CLIP-ON SPACER
Heavy-duty plastic snap chair ("A" shape spacer)

LEGOPLAST
INNOVATIONS IN CONSTRUCTION
REDUCE COST



3/4" 20 mm

20mm CLIP-ON SPACER
Heavy-duty plastic snap chair ("A" shape spacer)

LEGOPLAST
INNOVATIONS IN CONSTRUCTION
REDUCE COST



1" 25 mm

25mm CLIP-ON SPACER
Heavy-duty plastic snap chair ("A" shape spacer)

LEGOPLAST
INNOVATIONS IN CONSTRUCTION
REDUCE COST



1 1/4" 30 mm

30mm CLIP-ON SPACER
Heavy-duty plastic snap chair ("A" shape spacer)

LEGOPLAST
INNOVATIONS IN CONSTRUCTION
REDUCE COST



1 1/2" 40 mm

40mm CLIP-ON SPACER
Heavy-duty plastic snap chair ("A" shape spacer)

LEGOPLAST
INNOVATIONS IN CONSTRUCTION
REDUCE COST



2" 50 mm

50mm CLIP-ON SPACER
Heavy-duty plastic snap chair ("A" shape spacer)

LEGOPLAST
INNOVATIONS IN CONSTRUCTION
REDUCE COST



2 3/8" 60 mm

60mm CLIP-ON SPACER
Heavy-duty plastic snap chair ("A" shape spacer)

LEGOPLAST
INNOVATIONS IN CONSTRUCTION
REDUCE COST



3" 75 mm

75mm CLIP-ON SPACER
Heavy-duty plastic snap chair ("A" shape spacer)

LEGOPLAST
INDUSTRIAL
PRODUCTS
EST. 1981



Open 75mm Pile Cage Spacer

Plastic open wheel spacer for piling

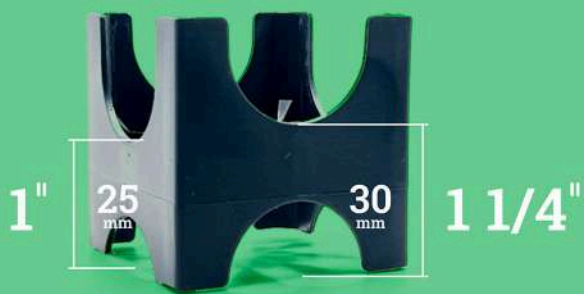
LEGOPLAST
INDUSTRIAL
PRODUCTS
EST. 1981



Closed 75mm Pile Cage Spacer

Plastic closed wheel spacer for piling

LEGOPLAST
INDUSTRIAL
PRODUCTS
EST. 1981



Type 1 Multicover Block

4-in-1 Plastic Rebar Spacer

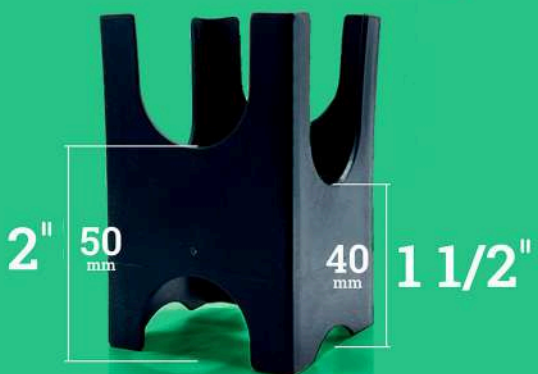
LEGOPLAST
INDUSTRIAL
PRODUCTS
EST. 1981



Type 1 Multicover Block

4-in-1 Plastic Rebar Spacer

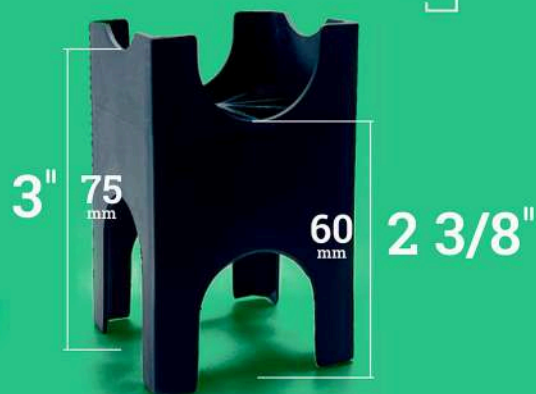
LEGOPLAST
INDUSTRIAL
PRODUCTS
EST. 1981



Type 2 Multicover Block

4-in-1 Plastic Rebar Spacer

LEGOPLAST
INDUSTRIAL
PRODUCTS
EST. 1981

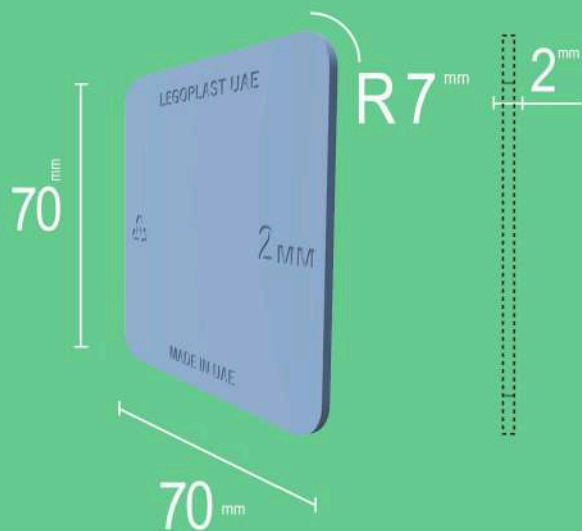


Type 2 Multicover Block

4-in-1 Plastic Rebar Spacer

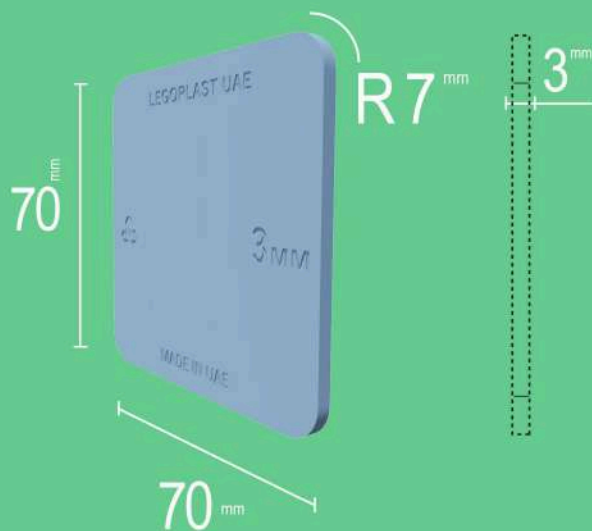
SH2

2 mm Leveling Shim Pad



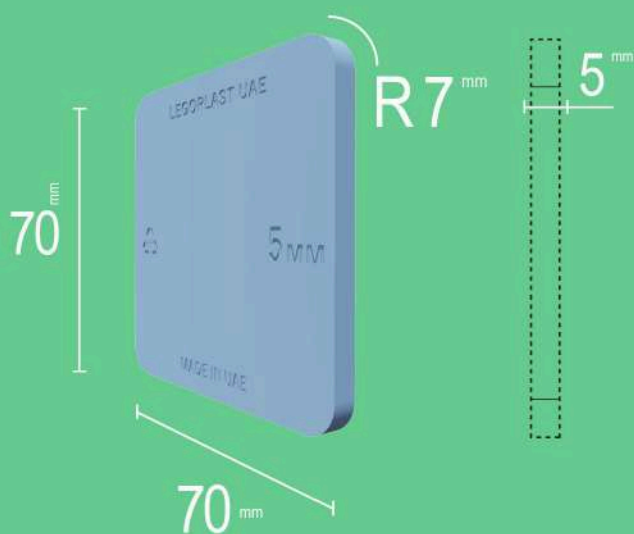
SH3

3 mm Leveling Shim Pad



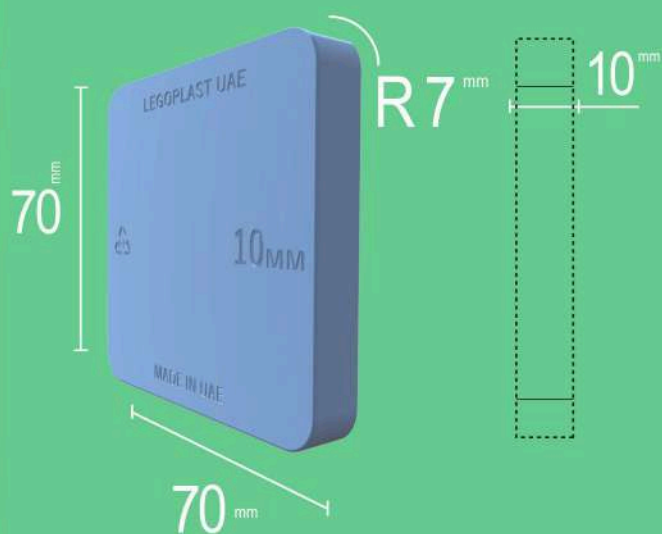
SH5

5 mm Leveling Shim Pad



SH10

10 mm Leveling Shim Pad



**Dubai Municipality,
Consultants & Contractors approvals**



Subject: DCL Certification

Dear Gentlemen,

Greetings from Dubai Municipality,

Referring to your below email, your previous office visit and your earlier phone call, kindly be informed again that your product (heavy duty clip spacers/plastic rebar spacers) are **not yet covered by any regulation**, hence, its sale or distribution within the emirate of Dubai is **hereby allowed** as per your communication as well with Engr. Ihab of our Building Permit Department during your office visit.

For further enquiries, please don't hesitate to contact us.

Kind regards

Eng. Lino M. Lingao
Senior Products Conformity Engineer
Dubai Central Laboratory Department

LMLINGAO@dm.gov.ae
+971 50 1513018 | +971 4 302 7018

م. لينو م. لينجائو
مهندس مطابقة منتجات أول
إدارة مختبر دبي المركزي

www.dm.gov.ae

Consultants and Contractors approvals

| | | | |
|--|---|---|--------------------|
| The Employer EMAAR EMAAR Development P.J.S.C. | Project Manager & The Engineer mirage Mirage Engineers & Development | The Architect mirage Mirage Inc. Consultants | The Contractor |
|--|---|---|--------------------|

Document Submittal

Project Name: DCH - ALTAN(A15) Enabling Works

Submittal Ref No: **STR-TM-SEA-STR-001** Rev. No: **0** Date: **21 July 2025**

Discipline: STA ARC MECH ELEC OTHERS

Discipline: The Qualifier Material Method Statements Calculations Shop Drawings Test Results Non-Test Installation/Operational (Specify relevant submittal) Other (Specify)

Title & Description: **PVC Spacer** Spec. Ref. & Clause: **N/A**

Purpose & Location: **Enabling works (A15)**

Manufacturer/Supplier: **M/A Logoplast Plastic Manufacturing LLC**

Supplier's Location: **N/A**

Country of Origin: **N/A**

Contractor Representative: **Signature: [Signature]** Received by Consultant: **Signature: [Signature]**

Name: **Eng. Ahmed Rezkwan (Project Manager)**

Signature: **[Signature]** Date: **21 July 2025**

Engineer's Comments:

- For pile reinforcement, a minimum of 6 plastic roller spacers per level shall be provided.
- Each level shall be spaced at 500mm @ 2x the bar diameter.
- Previous project approval is necessary, and a list of projects is to be attached too.

Reviewed & Confirmed by: **Structural** **Architectural** **Mechanical** **Electrical** **HSE** **Others**

Reviewed By: **Eng. Mohamed Nabil** Date: **21-07-2025**

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| FEDERAL | ATARA | |
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Project: **Sharaan Resort 5-Star Hotel Apartment Building (D9-GM-A15F-4) at Plot No. 2 APF 0048 Al Marjan Island R&A UAE**

[PQS] Prequalification Submittal

Submittal No: **PQS-STR-018** Revision: **00** New submittal Re-submittal Date: **09-Oct-2025** R&A-247

Company: **Logoplast Plastic Manufacturing LLC**

Work Description: **File Cage Spacer (Alternative Supplier)**

Origin: Local Imported Specified Alternative

Discipline: Architecture Structure Electrical Mechanical Interior Other

Contact Person Details: Name: **Amr Yousif**, Mobile: **552-2518790**, Email: **amr@logoplast.com**

Contractor Representative: **Signature: [Signature]** Submitted by Consultant: **Signature: [Signature]**

Project Manager: **Mr. Husein Al-Zaidi**

Reviewed by Consultant: **Signature: [Signature]** Date: **09-10-2025**

Contractor to comply with Project Specs and provide all required tests.

Consent Comments:

Contractor to comply with Project Specs and provide all required tests.

Agreement: Agreement With Comments More Information Required Rejected

| Consultant | Name | Signature | Date |
|-------------------|----------------|----------------|----------|
| Consent | Ahmed Al-Zaidy | Ahmed Al-Zaidy | 09-10-25 |
| Project Manager | Ahmed Al-Zaidy | Ahmed Al-Zaidy | 09-10-25 |
| Resident Engineer | Ahmed Al-Zaidy | Ahmed Al-Zaidy | 09-10-25 |

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| MCLAREN | SHAMAL | DAIRY & TOWNERS | LOCI | fnp |
|----------------|---------------|----------------------------|-------------|------------|

DUBAI HARBOUR CAR PARK

MATERIAL SUBMITTAL

TO: TURNER & TOWNSEND FROM: MCLAREN CONSTRUCTION LLC

Subject: **Material Submittal for Plastic Spacer H (Reinforcement Bars)**

Manufacturer Name: **LOGOPLAST PLASTIC MANUFACTURING LLC**

Supplier Name (if different from Manufacturer): **LOGOPLAST PLASTIC MANUFACTURING LLC**

Material Description: **PLASTIC SPACER**

Specification Reference: **EN10675**

Location of Use: **LOCATION OF USE: Spacer used for the separation of rebar and reinforcement.**

Contractor Representative: **Signature: [Signature]** Received by Consultant: **Signature: [Signature]**

Project Manager: **Mr. Husein Al-Zaidi**

Reviewed by Consultant: **Signature: [Signature]** Date: **2025 June 05**

Contractor to comply with Project Specs and provide all required tests.

Consent Comments:

Contractor to comply with Project Specs and provide all required tests.

Agreement: Agreement With Comments More Information Required Rejected

| Consultant | Name | Signature | Date |
|-------------------|----------------|----------------|----------|
| Consent | Ahmed Al-Zaidy | Ahmed Al-Zaidy | 09-10-25 |
| Project Manager | Ahmed Al-Zaidy | Ahmed Al-Zaidy | 09-10-25 |
| Resident Engineer | Ahmed Al-Zaidy | Ahmed Al-Zaidy | 09-10-25 |

| | | | |
|------------|-----------------------|-------------|--------------|
| JLL | ALDAR PROJECTS | APCC | ALDAR |
|------------|-----------------------|-------------|--------------|

QUALITY PRE-QUALIFICATION SUBMITTAL

PROJECT: **RISE BY ATHLON**

CLIENT: **ALDARA SPV**

DATE: **07 APR 26**

PROJECT REF: **D9RA-EW-APC-ZZ-001**

PC-FI-00004

CONSULTANT: **JLL**

REVISION: **000**

CONTRACTOR: **APCC PILING AND MARINE CONTRACTING LLC-QPC (Dubai Branch)**

DISCIPLINE: **PI**

DETAILS

SUB-CONTRACTOR: **PRE-QUALIFICATION OF M/S LOGOPLAST PLASTIC MANUFACTURING LLC**

JOB DESCRIPTION: **SUPPLIER OF OPEN & CLOSED FILE CAGE SPACER**

ADDRESS: **PO BOX 586483, REBEL ALI, DUBAI, UAE**

ATTACHMENTS: **Company Profile, Organizational Chart, Trade License, Certifications, Etc.**

COMMERCIAL REGISTER: **Yes** **No**

INCLUDED IN VENDOR LIST: **Yes** **No**

FINANCIAL STATUS: **Yes** **No**

CURRENT PROJECT: **Yes** **No**

OTHERS (LIST ANY): **Company profile, Organization chart, Trade License, ISO Certifications, Copies of previous project Approvals, List of current and completed projects for UAE Region with photos, Compliance statement, Approvals from Entities, List of licenses, Others**

| | | |
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| EDCG | WASI | |
|-------------|-------------|--|

Document Ref: **F1008-002-418-000-004-07H-0002** Rev. No: **00** Date: **2025/08/05** Sheet: **01**

PROJECT: **F1008-002-418-000-004-07H-0002** PROJECT # **F1008**

CLIENT: **WASI**

CONSULTANT: **Engineering Design Consultants (EDCG)**

CONTRACTOR: **WASI Construction LLC**

APPLICATION FOR APPROVAL

TO: **REBAR** ATTN: **PROJECT MANAGER**

APPLICATION FOR: DESIGN CONSTRUCTION MATERIAL SUBMISSION APPROVAL FOR SUPPLY OF **PLASTIC REBAR SPACERS**

LEGISLATION: **M/S LOGOPLAST PLASTIC MANUFACTURING LLC**

REVISIONS: **01**

CONTRACTOR'S COMMENTS: **Approved for supply of plastic rebar spacers.**

Project Director: **Signature: [Signature]** Date: **23-06-2025**

Prepared Date: **23-06-2025**

Approved by Consultant: **Signature: [Signature]** Date: **23-06-2025**

| | | |
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| | ADNOC Sour Gas | |
|--|-----------------------|--|

MATERIAL APPROVAL REQUEST

MAR Doc. No.: **GG01-0100-17-MAR-3209** Date: **31-12-2025** Rev. **00**

DOCUMENT ISSUED FOR:

1. Issued for Purchase (IFP) (Requirements), 2. Re-issued for Purchase (RFP) (Requirements, Data sheets)

Contract Description: **Agreement No. 470002684**

Material Description: **NEW 11KV OVERHEAD LINE FOR GAS GATHERING AREA**

Subject: **POLYPROPYLENE (PP) REBAR SPACERS**

Manufacturer: **LOGOPLAST PLASTIC MANUFACTURING LLC**

Supplier: **LOGOPLAST PLASTIC MANUFACTURING LLC**

Contract Specification Details: **AGES-SP-01-001 - CONCRETE SUPPLY AND CONSTRUCTION SPECIFICATION**

Applicable codes & standards: **DIN1045**

Location / Area of Use: **AS PER IFC DRAWING FOR THE PROJECT**

Technical Details of Proposed Materials: **REFER TO ATTACHED DATA SHEET**

1. Specification Yes N/A 2. Samples Submitted Yes N/A

3. Original Brochure Yes N/A 4. Other Supporting Documents Attached Yes N/A

Notes: **CONTRACTOR will supply the request quantity based on the final design.**

PREPARED BY (CONTRACTOR): **Signature: [Signature]**

APPROVED BY (CONTRACTOR): **Signature: [Signature]**

Name: **MOHAMMED RIZA** Name: **SURESH BHASKARAN**

Position: **ELECTRICAL ENGINEER** Position: **CONSTRUCTION MANAGER**

Date: **31/12/2025** Date: **31/12/2025**

COMPANY APPROVAL / REVIEW CODES

1. REJECTED - Revise and resubmit 2. COMMENTS AS NOTED - Work may proceed subject to compliance with and incorporation of comments.

| | | |
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| STARDEE | mirage | |
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Project Name: **Al Marjan World Development Enabling and Piling Works (Zone 3)**

Submittal Ref: **EM-002-002-001-STR-0216** Rev. No: **01** Date: **09 October 2025**

Discipline: STA ARC MECH ELEC OTHERS

Discipline: The Qualifier Material Method Statements Calculations Shop Drawings Test Results Non-Test Installation/Operational (Specify relevant submittal) Other (Specify)

Title: **Logoplast Prequalification** Spec. Ref. & Clause: **N/A**

Purpose & Location: **File Cage Spacer Supplier**

Manufacturer/Supplier: **M/A Logoplast Plastic Manufacturing LLC**

Supplier's Location: **N/A**

Country of Origin: **UAE**

Contractor Representative: **Signature: [Signature]** Received by Consultant: **Signature: [Signature]**

Name: **Ahmed Al-Zaidi** Date: **09 October 2025**

Project Manager: **Mr. Husein Al-Zaidi**

Reviewed by Consultant: **Signature: [Signature]** Date: **09 Oct 2025**

Engineer's Comments:

1. No objection for the proposed/accepted Prequalification.
2. N/A as to be submitted with technical data sheet and sample for Engineer's approval.
3. Fully compliance with local authorities, DCR, drawings and technical documents.

Reviewed By: **ENG** **Structure** **Geotechnical** **Civil/Structural** **HSE** **Others**

Reviewed By: **Eng. Mohamed Nabil** Date: **11-10-2025**

| | | |
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| TAQA | ATKINS | |
|-------------|---------------|--|

Contract No. **A-1997-2** Project Title: **SUPPLY & INSTALLATION OF 132KV SUBSTATION & RELATED INFRASTRUCTURE (ELEM CABLES, CT, CB, CBM, CBM, CBM, CBM)**

Document/Working Approval/Working Slip Approval/Working Engineer

Discipline: T&E T&A E&A S&A

MTS No: **MTS-CS-9113** Revision: **A**

MTS Title: **ALTERNATE MATERIAL SUBMITTAL FOR SPACER FOR PRECAST WORKS - MIS UNITED PRECAST CONCRETE, DUBAI**

Date MTS received by the Consultant: **22.10.2025** Date MTS received by TAQA TRANSMISSION: **23.10.2025**

Region: Also Chian All Area Western Region Northern Emirates

| Designation | Name | Date MTS Received from the Consultant | Date MTS Forwarded to EAC (Engineer) | Signature |
|-----------------|-------------------------------------|---------------------------------------|--------------------------------------|-----------|
| Project Manager | Mr. Ahmed Mohamed Hanna Badr El Din | | | |

| EAC Discipline | Name | Date MTS Received | Initial Signature | Date MTS Cleared | Comments | Final Signature |
|----------------------|----------------|-------------------|-------------------|------------------|----------|-----------------|
| Eng | Vladan Bogovic | | | 23.10.2025 | Yes | No |
| MEP | | | | | Yes | No |
| Protection & Control | | | | | Yes | No |
| Plant | | | | | Yes | No |
| Cable | | | | | Yes | No |
| Transmission/CADA | | | | | Yes | No |
| HSE | | | | | Yes | No |
| Planning | | | | | Yes | No |
| Cyber Security | | | | | Yes | No |
| General | | | | | Yes | No |

Project Manager: **Mr. Ahmed Mohamed Hanna Badr El Din**

| | | |
|----------------|--------------|--|
| FEDERAL | ATARA | |
|----------------|--------------|--|

Project: **Sharaan Resort 5-Star Hotel Apartment Building (D9-GM-A15F-4) at Plot No. 2 APF 0048 Al Marjan Island R&A UAE**

[PQS] Prequalification Submittal

Submittal No: **PQS-STR-018** Revision: **00** New submittal Re-submittal Date: **09 Oct 2025** R&A-247

Company: **Logoplast Plastic Manufacturing LLC**

Work Description: **File Cage Spacer (Alternative Supplier)**

Origin: Local Imported Specified Alternative

Discipline: Architecture Structure Electrical Mechanical Interior Other

Contact Person Details: Name: **Amr Yousif**, Mobile: **552-2518790**, Email: **amr@logoplast.com**

Contractor Representative: **Signature: [Signature]** Submitted by Consultant: **Signature: [Signature]**

Project Manager: **Mr. Husein Al-Zaidi**

Reviewed by Consultant: **Signature: [Signature]** Date: **09-10-2025**

Contractor to comply with Project Specs and provide all required tests.

Consent Comments:

Contractor to comply with Project Specs and provide all required tests.

Agreement: Agreement With Comments More Information Required Rejected

| Consultant | Name | Signature | Date |
|-------------------|----------------|----------------|----------|
| Consent | Ahmed Al-Zaidy | Ahmed Al-Zaidy | 09-10-25 |
| Project Manager | Ahmed Al-Zaidy | Ahmed Al-Zaidy | 09-10-25 |
| Resident Engineer | Ahmed Al-Zaidy | Ahmed Al-Zaidy | 09-10-25 |

Consultants and Contractors approvals

LACASA Architect & Engineering Consultants
PIVOT PROJECT MANAGEMENT

MATERIAL APPROVAL SUBMITTAL

Project: **MAJRAH RESIDENCE PHASE 1**

Material Description: **Material Submittal for Heavy Duty City Spacers & Cover Blocks (Expanded)**

Client: **MAJRAH REAL ESTATE DEVELOPMENT**

Contractor: **LEGOPLAST PLASTIC MANUFACTURING LLC**

Engineer's Comments: *Refer to the attached comments sheet.*

Approval Status: **APPROVED AS NOTED**

ABU EID RIDGE REALISTIC CONTRACTING

PROPOSED SUB CONTRACTOR/ SUPPLIER PRE-QUALIFICATION

Project: **PROPOSED RESIDENTIAL AND COMMERCIAL BUILDING**

Material Description: **COVER BLOCKS SPACERS (MS LEGOPLAST PLASTIC MANUFACTURING)**

Subcontractor/Supplier: **LEGOPLAST PLASTIC MANUFACTURING L.L.C**

Scope of Work: **PVC Cover Block**

Engineer's Comments: *No objection, subject to comply with project specs and authorities requirements.*

Approval Status: **APPROVED AS NOTED**

nasec NABAH ENGINEERING CONSULTANTS

MATERIAL SUBMITTAL

Project: **Proposed Construction of 04-Phase Residential Building**

Material Description: **COVER BLOCKS SPACERS (MS LEGOPLAST PLASTIC MANUFACTURING)**

Engineer's Comments: *Approved as noted.*

Approval Status: **APPROVED AS NOTED**

EMAAR mirage rmc

MATERIAL SUBMITTAL

Project: **THE VALLEY WEST 50018 AVENUE 2 (332 sqm Semi-detached villa)**

Material Description: **PLASTIC SPACERS**

Contractor: **LEGOPLAST PLASTIC MANUFACTURING L.L.C**

Engineer's Comments: *No objection, Refer to Comments sheet.*

Approval Status: **APPROVED AS NOTED**

SANAD **H+A**

MATERIAL SUBMITTAL

Project: **LOC PROJECT**

Material Description: **PLASTIC CHAIR SPACERS MANUFACTURER & SUPPLIER: LEGOPLAST PLASTIC MANUFACTURING L.L.C**

Engineer's Comments: *No objection, Refer to Comments sheet.*

Approval Status: **APPROVED AS NOTED**

NEB BHATIA

APPROVAL OF SUB-CONTRACTOR / SUPPLIER

Project: **Raja Cluster 1, Mohammed Bin Rashid Al Miskoon City - District**

Material Description: **PVC Spacers for Piling Works**

Contractor: **LEGOPLAST PLASTIC MANUFACTURING L.L.C**

Engineer's Comments: *Subject to DIFE approval.*

Approval Status: **APPROVED AS NOTED**

SHUAA mirage PIC

MATERIAL SUBMITTAL

Project: **BRANDED RESIDENCES - PLOT NO. DM20-521-156, J.T. DUBAI UAE**

Material Description: **ENABLING WORKS PACKAGE: SHORING, EXCAVATION, Dewatering & PILING WORKS**

Contractor: **LEGOPLAST PLASTIC MANUFACTURING LLC**

Engineer's Comments: *No objection, subject to:*

- Satisfactory site work performance.
- Clear cover shall not be less than 75 mm.
- Distribution of spacers should be distant by maximum of 2 meters and minimum of 4 numbers per level as per project requirements.
- Full compliance with all project specs, shop drawings and applicable authorities regulations.
- Random samples to be collected for testing, subject to satisfactory test results.

Approval Status: **APPROVED AS NOTED**

SUBMITTAL TRANSMITTAL SHEET # P158.35, SCEGC, MAT. CIV. 0012

Project Name: **LAGOONS VIEWS 04 (3 Residential Buildings) at DAMAC LAGOONS, Dubai, UAE**

Material Description: **Material Submittal for Supply of Plastic Spacer**

Contractor: **LEGOPLAST PLASTIC MANUFACTURING L.L.C**

Engineer's Comments: *No objection, subject to comply with project specs and authorities requirements.*

Approval Status: **APPROVED AS NOTED**

EMAAR mirage PIC

MATERIAL APPROVAL SUBMITTAL

Project Name: **The Valley Development - Velota T101, 488 No. Townhouses (G+1+R) + 1 No. Community Center + 1 No. Guardhouse on Plot 1912012, Al Yafrah, Dubai, U.A.E.**

Material Description: **Material Submittal for Plastic Spacers (Expanded)**

Contractor: **LEGOPLAST PLASTIC MANUFACTURING L.L.C**

Engineer's Comments: *No objection on the proposed product, subject to:*

- Compliance with the approved drawings, DIB DR, project specs, authority requirements.
- Provide samples for review.
- Satisfactory test reports by the approved ITC prior to work commencement.

Approval Status: **APPROVED AS NOTED**

Dubai Building Code, 2021 Edition

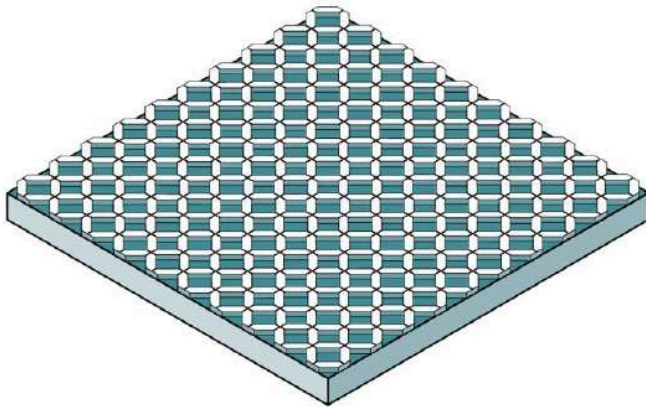


Figure B.100 Open grid pavement system

B.10.6 Sustainable materials

B.10.6.1 Recycled materials

Based on cost, recycled content (as defined in ISO 14021) shall constitute at least 10% of the total value of the materials in the project. This shall be calculated as follows:

Value of recycled content = (value of post-consumer recycled content) + half (value of pre-consumer recycled content)

If only a fraction of a product or material is recycled, then only that percentage (by weight) can contribute to the recycled content value.

Mechanical, electrical and plumbing components, as well as furniture and specialty items such as elevators, shall not be included in this calculation. Only materials permanently installed in the building shall be included.

B.10.6.2 Regional materials

Based on cost, at least 10% of building materials shall have been extracted, harvested or recovered, as well as manufactured, within 800 km of the project site.

If only a fraction of a product or material is extracted, harvested, or recovered and manufactured locally, then only that percentage (by weight) can contribute to the regional value.

Mechanical, electrical and plumbing components as well as furniture and specialty items such as elevators shall not be included in this calculation. Only materials permanently installed in the building shall be included.

Legoplast Products Facilitate Green Building Certification



Legoplast rebar spacers are made from post-consumer recycled content (70% to 100% by weight, depending on product) and are 100% recyclable



Our production facility is located in Dubai, UAE, ensuring our products are classified as regional materials according to Abu Dhabi and Dubai green building codes

Green Building Regulations & Specifications



701.06 Recycled Content

For all new buildings, recycled content must account for at least five percent (5%) of the total volume of materials used in the construction of the building.

701.07 Regional Materials

For all new buildings, building materials available regionally must comprise at least five percent (5%) of the total volume of materials used in the construction of the building.

Al Sa'fat - Dubai Green Building System, 2nd Edition



701.06 Recycled Content

For all new buildings, of the total materials used in the construction of the building, the following percentage of recycled content must be met:

- 5% for Silver Sa'fa
- 10% for Golden Sa'fa
- 15% for Platinum Sa'fa

701.07 Regional Materials

For all new buildings, of the total materials used in the construction of the building, the following percentage of materials must be procured regionally:

- 5% for Silver Sa'fa
- 10% for Golden Sa'fa
- 15% for Platinum Sa'fa



The Pearl Rating System for Estidama Emirate of Abu Dhabi

مجلس أبوظبي للتخطيط العمراني
ABU DHABI URBAN PLANNING COUNCIL



TEL +971 2 409 6000
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Abu Dhabi U.A.E.
www.upc.gov.ae

Pearl Building Rating System: Design & Construction, Version 1.0, April 2010

Legoplast Products Facilitate Green Building Certification



Legoplast rebar spacers are made from post-consumer recycled content (70% to 100% by weight, depending on product) and are 100% recyclable



Our production facility is located in Dubai, UAE, ensuring our products are classified as regional materials according to Abu Dhabi and Dubai green building codes

Table 1: Pearl Building Rating Levels

| Requirement | Pearl Rating Achieved |
|---|-----------------------|
| All mandatory credits | 1 Pearl |
| All mandatory credits + 60 credit points | 2 Pearl |
| All mandatory credits + 85 credit points | 3 Pearl |
| All mandatory credits + 115 credit points | 4 Pearl |
| All mandatory credits + 140 credit points | 5 Pearl |

| SM | Stewarding Materials | General | Office | Retail | Multi-Residential | School |
|-------------|--|---------|--------|--------|-------------------|--------|
| Credit Code | Credit Title | | | | | |
| SM-R1 | Hazardous Materials Elimination | R | R | R | R | R |
| SM-R2 | Basic Construction Waste Management | R | R | R | R | R |
| SM-R3 | Basic Operational Waste Management | R | R | R | R | R |
| SM-1 | Non-Polluting Materials | 3 | 3 | 3 | 3 | 3 |
| SM-2 | Design for Materials Reduction | 1 | 1 | 1 | 1 | 1 |
| SM-3 | Design for Flexibility & Adaptability | 1 | 1 | 1 | 1 | 1 |
| SM-4 | Design for Disassembly | 1 | 1 | 1 | 1 | 1 |
| SM-5 | Modular Flooring Systems | 1 | 1 | 1 | 1 | 1 |
| SM-6 | Design for Durability | 1 | 1 | 1 | 1 | 1 |
| SM-7 | Building Reuse | 2 | 2 | 2 | 2 | 2 |
| SM-8 | Material Reuse | 1 | 1 | 1 | 1 | 1 |
| SM-9 | Regional Materials | 2 | 2 | 2 | 2 | 2 |
| SM-10 | Recycled Materials | 6 | 6 | 6 | 6 | 6 |
| SM-11 | Rapidly Renewable Materials | 1 | 1 | 1 | 1 | 1 |
| SM-12 | Reused or Certified Timber | 2 | 2 | 2 | 2 | 2 |
| SM-13 | Improved Construction Waste Management | 2 | 2 | 2 | 2 | 2 |
| SM-14 | Improved Operational Waste Management | 2 | 2 | 2 | 2 | 2 |
| SM-15 | Organic Waste Management | 2 | 2 | 2 | 2 | 2 |
| TOTAL | | 28 | 28 | 28 | 28 | 28 |

Types SB, BB, and CHC may be provided with horizontal runner wires, allowing the bar support to rest on a lower mat of reinforcing bars. Such supports are designated by the suffix "U", i.e., SBU, BBU, or CHCU. Supports with horizontal runner wires are usually confined to Class 3 supports only.

3.3. Precast Concrete Bar Supports

Precast concrete bar supports are normally supplied in three styles: (1) plain, (2) with wires, and (3) doweled. Plain precast concrete bar supports are used to support reinforcing bars off the ground. Precast concrete bar supports with wires are used in applications such as where it is necessary to maintain position of the support by tying it to the reinforcing bars. Precast concrete bar supports with wires are commonly supplied with two 16-gauge tie wires embedded in the center. Doweled precast concrete bar supports are cast with a hole in the center, approximately 2 1/4 inches (57 mm) deep, and large enough to insert a #4 (#13) reinforcing bar with a 90° bend at the top. The 90° bend at the top is used to support top bars above the precast concrete bar support. At the same time, the precast concrete bar support can be used to support bottom bars off the ground by placing the bars on either side of the dowel bar. Precast concrete bar supports can also be used to support vertical reinforcement as in a drilled shaft, by placing the supports under the vertical bars of the reinforcing bar cage.

The types and sizes of precast concrete bar supports that are usually available are shown in Table 3-3.

It is recommended that the Supplier review the project specifications for the required concrete color and compressive strength. Precast concrete bar supports can also be furnished in other sizes needed for unusual project conditions, by special arrangement with the Supplier.

Precast concrete bar supports provide maximum rust protection, i.e., Class 1.

3.4. All-Plastic Bar Supports

The industry practices presented in this section are intended to serve as a guide for the selection and utilization of all-plastic bar supports used to position reinforcing bars in reinforced concrete.

All-plastic bar supports may have a snap-on action or other method of attachment. All-plastic supports are lightweight, non-porous and chemically inert in concrete. Properly designed all-plastic bar supports should have rounded seatings to avoid punching holes in the formwork and should not deform under load when subjected to normal temperatures encountered in use nor should they shatter or severely crack under impact loading when used in cold weather.

According to one report, since all-plastic bar supports are subject to temperature effects, they should have at least 25% of their gross plane area perforated to compensate for the difference in the coefficient of thermal expansion between the plastic and concrete.* Also according to this same report, all-plastic supports should not be placed closer than 12 inches (300 mm) apart along a reinforcing bar.

All-plastic bar supports will not rust, therefore eliminating blemishes on the surface of the concrete. These supports are particularly suitable in situations of moderate to severe exposure or when grinding of the concrete is necessary. All-plastic supports may be used to support epoxy-coated reinforcing bars (see Section 3.6). These bar supports provide maximum rust protection, i.e., Class 1.

The types and sizes of all-plastic bar supports that are generally available are shown in Table 3-4.

3.5. Side-Form Spacers

A side-form spacer is a type of bar support which is used to maintain side concrete cover on the reinforcing bars against a vertical form, such as for walls and piers. Spacers can also be used to align a reinforcing bar cage in a drilled shaft. Spacers can be made of steel wire, precast concrete, or plastic. Precast concrete side-form spacers for caisson applications are generally furnished with multiple sets of wires to minimize support movement when positioned. As noted in Section 3.4, because all-plastic side-form spacers are subject to temperature effects, they should have at least 25% of their gross plane area perforated to compensate for the difference in the coefficient of thermal expansion between the plastic and concrete. Examples of side-form spacers are SBC wire bar supports, DSSS and DSWS precast concrete bar supports, and WS, DSWS and VLWS all-plastic bar supports.

3.6. Recommendations for Bar Supports for Epoxy-Coated Reinforcing Bars

Epoxy-coated reinforcing bars are widely used as a corrosion-protection system for reinforced concrete structures. Compatible types of bar supports should be used to support epoxy-coated reinforcing bars.

1. Wire bar supports should be coated entirely with dielectric material such as epoxy or plastic, compatible with concrete; or
2. Bar supports should be made of dielectric material such as plastic or precast concrete; if precast concrete blocks with embedded tie wires or precast concrete doweled blocks are used, the wires or dowels should be epoxy-coated or plastic-coated; or

* "Section of Bar Spacers for Reinforced Concrete" by M. Levitt and M.R. Herbert, Concrete, November 1988, Cement and Concrete Association, London. [In the UK, the term "spacers" covers "bar supports" and "side-form spacers".]

TABLE 3-4 TYPICAL TYPES AND SIZES OF ALL-PLASTIC BAR SUPPORTS

| SYMBOL | BAR SUPPORT ILLUSTRATION | TYPE OF SUPPORT | TYPICAL SIZES, IN. | DESCRIPTION |
|--------|--------------------------|--|--|--|
| BS | | Bottom Support | Heights, 1/2 to 6 | Generally for horizontal work. Not recommended for ground or exposed aggregate finish. |
| BS-GL | | Bottom Support | Heights, 1/2 to 2 | Generally for horizontal work, provides bar clamping action. Not recommended for ground or exposed aggregate finish. |
| HC | | High Chair | Heights, 1/2 to 5 | For use in slabs or panels. |
| HC-V | | High Chair, Variable | Heights, 2 1/2 to 6 1/2 | For horizontal and vertical work. Provides for different heights. |
| WS | | Wheel Side-Form Spacer | Concrete cover, 1/2 to 3 | Generally for vertical work. Bar clamping action and minimum contact with forms. Applicable for column reinforcing bars. |
| DSWS | | Side-Form Spacer for drilled shaft applications | Concrete cover, 2 1/2 to 6 | Generally used to align reinforcing bars in a drilled shaft.* Two-piece wheel that closes and locks on to the fit or spiral assuring proper clearance from the shaft wall surface. |
| VLWS | | Locking Wheel Side-Form Spacer for all vertical applications | Concrete cover, 1/2 to 6 | Generally used in both drilled shaft* and vertical applications where heavy loading occurs. Surface spines provide minimal contact while maintaining required clearance. |
| DSSB | | Bottom Bolster (Gripping) | Concrete cover, 3 Height, 6 | Used to keep the reinforcing bar cage off of the bottom floor of a drilled shaft.* |
| SB | | Slab Bolster | Heights, 1/2 to 3 Lengths up to 32" | Commonly used in horizontal and vertical applications. When used as a side-form spacer in vertical work, slab bolster must be tied to the reinforcement. |

* Also known as a pier, caisson or cast-in-drilled hole.
** Pieces can be locked together to form longer lengths.

1 inch = 25.4 mm

RECOMMENDED INDUSTRY PRACTICE FOR PLACING REINFORCING BARS

8.10.1 Cast-in-Place Concrete (nonprestressed)

| | Min. Concrete Cover, in. [mm] |
|--|-------------------------------|
| Concrete cast against and permanently exposed to earth | 3 [75] |
| Concrete exposed to earth or weather: | |
| #6 through #18 [#19 through #57] | 2 [50] |
| #5 [#16] and smaller | 1 1/2 [40] |
| Concrete not exposed to weather or in contact with ground: | |
| Slabs, walls, joists: | |
| #14 and #18 [#43 and #57] | 1 1/2 [40] |
| #11 [#36] and smaller | 3/4 [20] |
| Beams, columns: | |
| Primary reinforcement, ties, stirrups or spirals | 1 1/2 [40] |
| Shells, folded plate members: | |
| #6 [#19] and larger | 3/4 [20] |
| #5 [#16] and smaller | 3/8 [15] |

8.10.2 Precast Concrete (manufactured under plant control conditions)

| | Min. Concrete Cover, in. [mm] |
|--|-------------------------------|
| Concrete exposed to earth or weather: | |
| Wall panels: | |
| #14 and #18 [#43 and #57] | 1 1/2 [40] |
| #11 [#36] and smaller | 3/4 [20] |
| Other members: | |
| #14 and #18 [#43 and #57] | 2 [50] |
| #6 through #11 [#19 through #36] | 1 1/2 [40] |
| #5 [#16] and smaller | 1 1/2 [40] |
| Concrete not exposed to weather or in contact with ground: | |
| Slabs, walls, joists: | |
| #14 and #18 [#43 and #57] | 1 1/2 [40] |
| #11 [#36] and smaller | 3/4 [20] |
| Beams, columns: | |
| Primary reinforcement | d _s * |
| Ties, stirrups or spirals | 3/4 [20] |
| Shells, folded plate members: | |
| #6 [#19] and larger | 3/4 [20] |
| #5 [#16] and smaller | 3/8 [15] |

* But not less than 3/8 inches (15 mm) and need not exceed 1 1/2 inches (40 mm).

ICV and ISO Certificates

IN-COUNTRY VALUE CERTIFICATE



Certificate No.: **152295**
 Issue Date: **24.04.2026**
 Valid Until: **06.06.2027**

LEGOPLAST PLASTIC MANUFACTURING L.L.C

34.82%

Company General Information

License No.: **1164023**
 Company Type: **SME in UAE**
 Financial Year End Date: **31.12.2025**
 Company Based In: **Within UAE**
 Company Business: **GOOD MANUFACTURER**



For Cases of Re-Certification

Re-Certification (*) No.:

Reason for this Re-Certification:

Scan the QR code to verify status

Signed By

On behalf of Supplier

Name:

ARTEMIGOREVICH FETISOV

Designation:

Manager

Verified as per ICV Agreed Upon Procedures (AUP)

On behalf of Certification Body

Name:

Humaid Al Kaabi

Designation:

Approver

Electronically signed by
Humaid Al Kaabi

Company:

Humaid Al Kaabi Accounts Audit

Certificate Issued Based on ICV Version: 3.0



Certificate of Registration

This certificate is hereby granted to the organization

LEGOPLAST PLASTIC MANUFACTURING L.L.C

PO BOX NO: 566481, 68 STREET, NEAR BUILDING 27, WAREHOUSE NO: S02, JABAL ALI INDUSTRIAL FIRST, DUBAI, UAE

This has been certified that the management system of the above organization has been audited and found to be in compliance with the First Quality Certification requirements for registration of the management system standard detailed below:

ISO 9001:2015

(Quality Management System)

Scope of work

- Plastic Bottles & Containers Manufacturing
- Plastic Caps & Lids Manufacturing
- Building Plastic Requisites Manufacturing
- Plastic Buckets & Pots Manufacturing
- Plastic Pipes & Fittings Manufacturing

Certification Registration No: FQC/Q/2166/AE

Initial Issue Date : 27 November 2023
 1st Surveillance Due : 26 November 2024
 2nd Surveillance Due : 26 November 2025
 Certificate Expiry : 26 November 2026
 (Subject to the company maintaining its system to the required standard)



CERTIFIED




 Chief Executive Officer

This Certificate is subject to satisfactory annual assessment.
 Accredited by Accreditation Service for Certifying Bodies LLC, 8 The Green, Dover, DE, 19901, United States, www.ascb.com
 The authenticity of this certificate can be verified online www.firstqualitycertification.ae or by email to the Head Office info@firstqualitycertification.ae



Certificate of Registration

This certificate is hereby granted to the organization

LEGOPLAST PLASTIC MANUFACTURING L.L.C

PO BOX NO: 566481, 68 STREET, NEAR BUILDING 27, WAREHOUSE NO: S02, JABAL ALI INDUSTRIAL FIRST, DUBAI, UAE

This has been certified that the management system of the above organization has been audited and found to be in compliance with the First Quality Certification requirements for registration of the management system standard detailed below:

ISO 45001:2018

(Occupational Health & Safety Management System)

Scope of work

- Plastic Bottles & Containers Manufacturing
- Plastic Caps & Lids Manufacturing
- Building Plastic Requisites Manufacturing
- Plastic Buckets & Pots Manufacturing
- Plastic Pipes & Fittings Manufacturing

Certification Registration No: FQC/OH/2168/AE

Initial Issue Date : 27 November 2023
 1st Surveillance Due : 26 November 2024
 2nd Surveillance Due : 26 November 2025
 Certificate Expiry : 26 November 2026

(Subject to the company maintaining its system to the required standard)



201901-05



[Signature]
 Chief Executive Officer



Certificate of Registration

This certificate is hereby granted to the organization

LEGOPLAST PLASTIC MANUFACTURING L.L.C

PO BOX NO: 566481, 68 STREET, NEAR BUILDING 27, WAREHOUSE NO: S02, JABAL ALI INDUSTRIAL FIRST, DUBAI, UAE

This has been certified that the management system of the above organization has been audited and found to be in compliance with the First Quality Certification requirements for registration of the management system standard detailed below:

ISO 14001:2015

(Environmental Management System)

Scope of work

- Plastic Bottles & Containers Manufacturing
- Plastic Caps & Lids Manufacturing
- Building Plastic Requisites Manufacturing
- Plastic Buckets & Pots Manufacturing
- Plastic Pipes & Fittings Manufacturing

Certification Registration No: FQC/E/2167/AE

Initial Issue Date : 27 November 2023
 1st Surveillance Due : 26 November 2024
 2nd Surveillance Due : 26 November 2025
 Certificate Expiry : 26 November 2026
 (Subject to the company maintaining its system to the required standard)



201901-05

CERTIFIED



ISO 14001:2015

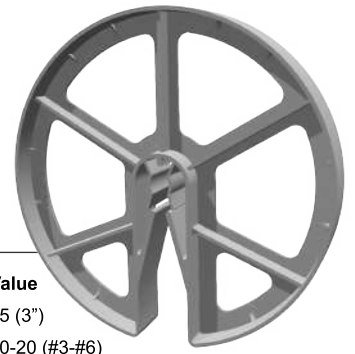
[Signature]
 Chief Executive Officer

Product Overview

Pile Cage Spacers

OPEN 75MM PILE CAGE SPACER

OPEN PLASTIC WHEEL SPACER FOR PILING



GREEN BUILDING
100% Recycled Material

EASY TO WORK
No wire ties

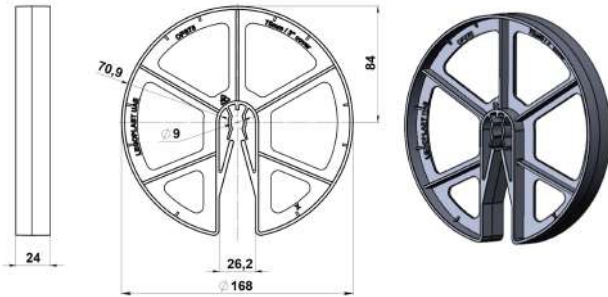
SPECIFICATION

| | |
|-------------------------------------|-----------------------|
| PRODUCT NAME | Open Pile Cage Spacer |
| PRODUCT TYPE | Open Wheel Spacer |
| PRODUCT REFERENCE CODE | OPS75 |
| COVER HEIGHT | 75 mm (3") |
| REBAR DIAMETER | 10-20 mm (#3-#6) |
| SPACER WEIGHT | 66 grams (2.3 oz) |
| MATERIAL | Polypropylene (PP) |
| COLOR | Black |
| PACKING QUANTITY | 200 pcs |

| # | Parameter | Unit | Value |
|---|---------------------|------|----------------|
| 1 | Concrete cover | mm | 75 (3") |
| 2 | Bar size (diameter) | mm | 10-20 (#3-#6) |
| 3 | Item weight | gm | 66 gm (2.3 oz) |
| 4 | Height | mm | 168 mm (6.61") |
| 5 | Width | mm | 168 mm (6.61") |
| 6 | Depth | mm | 24 mm (0.95") |

PRODUCT DESCRIPTION

The OPS75 open pile cage spacer (circular or wheel spacer) is designed to provide a 75 mm (3") cover and spacing for pile cages in reinforced foundations such as in situ piling and diaphragm walls. It acts as a guide wheel when lowering the reinforcement cage into the ground, ensuring smooth sliding and compliance with concrete cover requirements. The OPS75 is attached to the external steelwork (rebar diameter from 10 to 20 mm, or rebar sizes #3 to #6) of pile cages to ensure correct spacing from shuttering. The product is fully compliant with CRSI Manual of Standard Practice (USA).



DESIGN

Fully compliant to CRSI Manual of Standard Practice (USA). The product is made of 100% post-consumer recycled content by weight and is 100% recyclable





Report No : R2-250421-01

ANNEX A

BEFORE TEST



AFTER TEST



End of Report



Signed for and on behalf of Testhub Laboratories LLC


Laboratory Supervisor / Advanced Material Department

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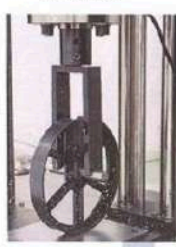
TEL: 04 8248 015 | P.O. Box: 455401 | W/H No. 7 Union Beverages Factory Building Jebel Ali Ind Area 2, Dubai, U.A.E




Report No : R2-250421-01

ANNEX A


BEFORE TEST



AFTER TEST



End of Report



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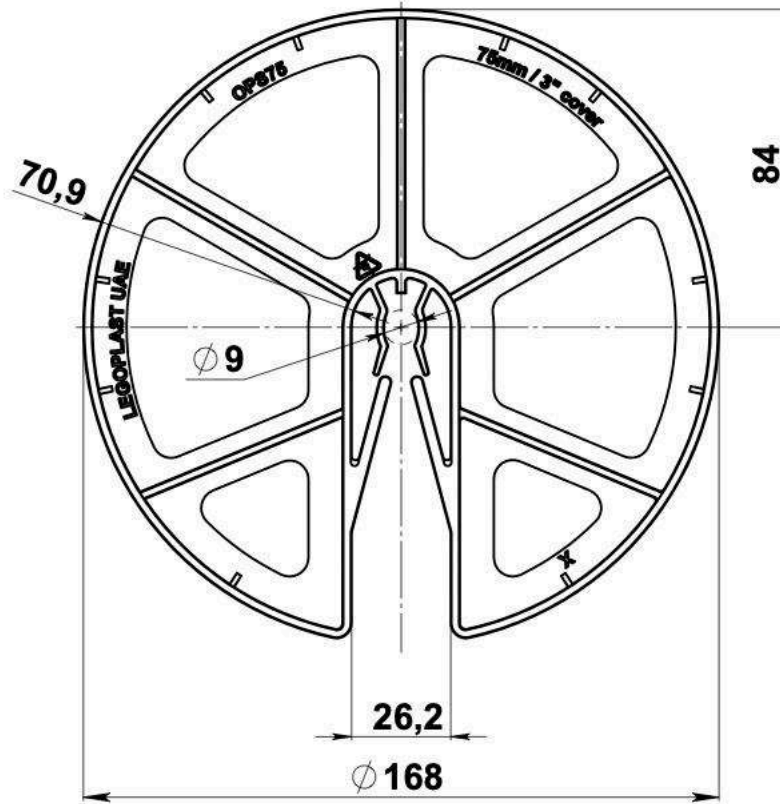
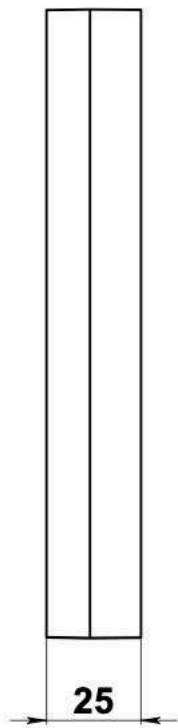
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LEGOPLAST
INNOVATIONS
 REDUCE
 COST

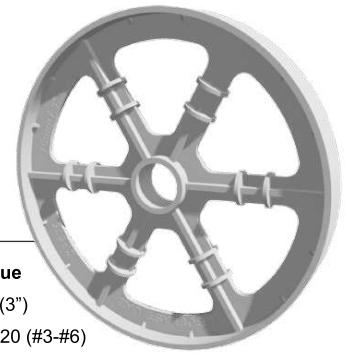
**Legoplast Plastic
 Manufacturing L.L.C**

Open 75mm Pile Cage Spacer

| | |
|-----------|--|
| Part No. | OPS75 |
| Material: | Polypropylene (PP) |
| Details: | Open plastic wheel spacer for piling |

CLOSED 75MM PILE CAGE SPACER

CLOSED PLASTIC WHEEL SPACER FOR PILING



GREEN BUILDING
100% Recycled Material

EASY TO WORK
No wire ties

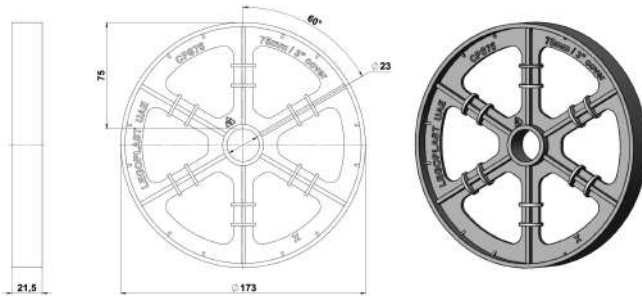
SPECIFICATION

| | |
|-------------------------------------|-------------------------|
| PRODUCT NAME | Closed Pile Cage Spacer |
| PRODUCT TYPE | Closed Wheel Spacer |
| PRODUCT REFERENCE CODE | CPS75 |
| COVER HEIGHT | 75 mm (3") |
| REBAR DIAMETER | 10-20 (#3-#6) |
| SPACER WEIGHT | 73 grams (2.6 oz) |
| MATERIAL | Polypropylene (PP) |
| COLOR | Black |
| PACKING QUANTITY | 200 pcs |

| # | Parameter | Unit | Value |
|---|---------------------|------|-----------------|
| 1 | Concrete cover | mm | 75 (3") |
| 2 | Bar size (diameter) | mm | 10-20 (#3-#6) |
| 3 | Item weight | gm | 73 gm (2.6 oz) |
| 4 | Height | mm | 173 mm (6.81") |
| 5 | Width | mm | 173 mm (6.81") |
| 6 | Depth | mm | 21,5 mm (0.84") |

PRODUCT DESCRIPTION

The CPS75 closed pile cage spacer (circular or wheel spacer) is designed to provide a 75 mm (3") cover and spacing for pile cages in reinforced foundations such as in situ piling and diaphragm walls. It acts as a guide wheel when lowering the reinforcement cage into the ground, ensuring smooth sliding and compliance with concrete cover requirements. The CPS75 is attached to the external steelwork (rebar diameter from 10 to 20 mm, or rebar sizes #3 to #6) of pile cages to ensure correct spacing from shuttering. The product is fully compliant with CRSI Manual of Standard Practice (USA).



DESIGN

Fully compliant to CRSI Manual of Standard Practice (USA). The product is made of 100% post-consumer recycled content by weight and is 100% recyclable





Issued To:
Legoplast Plastic Manufacturing L.L.C
P.O. Box 555451
Jebel Ali Industrial Area,
Dubai, United Arab Emirates

TEST REPORT

| | |
|---|-----------------------------|
| Sample Number : SZ-250421-02 | Receiving Date : 21/04/2025 |
| Sample Description : Wheel Spacer (CPS75) | Date of Test : 22/04/2025 |
| Sample Size : 75mm | Report Date : 22/04/2025 |
| Test Method : TR-IP-AD-002 | Request No : Q2-250421-02 |
| Client Ref. : 75MM/3" Cover | Report No : R2-250421-02 |
| Method Variation : Nil | Tested by : EMP ID:011 |

Test Temperature & Humidity: 23°C / 50%

| Test | Test Orientation | Load Applied (N) | Load Applied (kg) | Observation |
|-----------|------------------|------------------|-------------------|-----------------|
| Load Test | Vertical | 1451 | 148 | Sample Deformed |

Remark: Test pictures are given in Annex A.




Signed for and on behalf of Testhub Laboratories LLC

Salmeh Faryal
Laboratory Supervisor / Advanced Material Department

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Report No : R2-250421-02


ANNEX A

BEFORE TEST



AFTER TEST

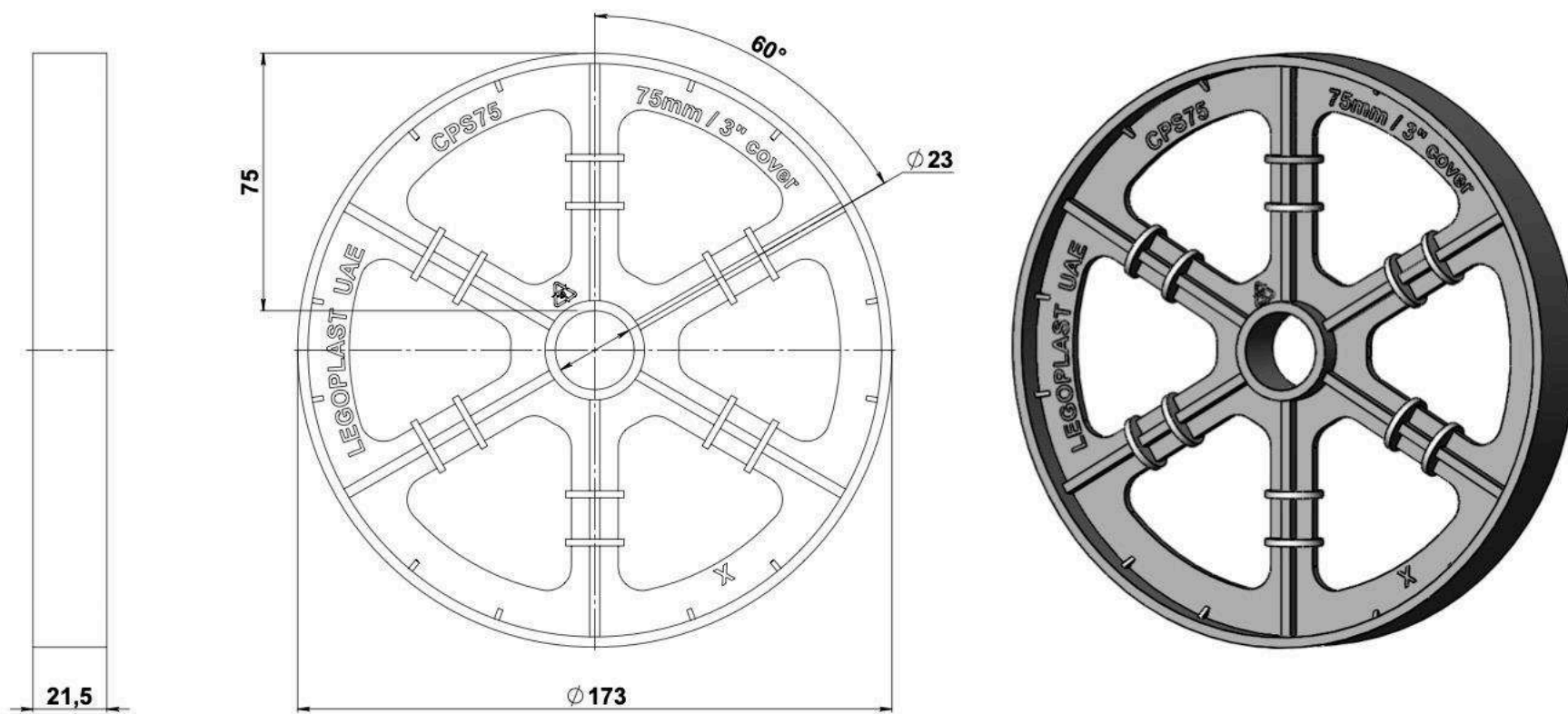




End of Report

Page 2 of 3

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| | |
|--|--|
|  Legoplast Plastic Manufacturing L.L.C | Part No. CPS75 |
| | Material: Polypropylene (PP) |
| | Details: Closed plastic wheel spacer for piling |

Closed 75mm Pile Cage Spaser

Product Overview

Leveling Shim Pads

SH2 – 2 mm Shim Pad

SQUARE LEVELING SHIM PAD, SIZE 2 MM

| | | |
|---|--|-------------------------------------|
| GREEN BUILDING 100% Recycled Material | HEAVY-DUTY Engineered For Strength | MADE IN UAE ICV certified |
|---|--|-------------------------------------|



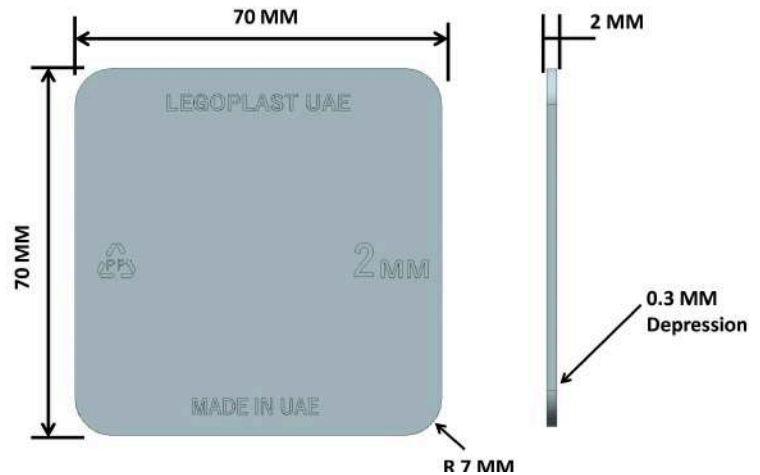
| | |
|-----------------------------------|----------------------------------|
| PRODUCT NAME | SH2 |
| PRODUCT TYPE | Square Leveling Shim Pad |
| MATERIAL | 100% Recycled Polypropylene (PP) |
| PRODUCT DIMENSIONS | 70 x 70 x 2 mm |
| PRODUCT WEIGHT | 10 gm |
| MAXIMUM LOAD BEARING | 533 kN |
| COLOR | Black |



DESIGN Optimized rib-free flat faces ensure full surface contact with substrates, improving friction and minimizing local stress concentrations. The product is made in UAE of 100% post-consumer recycled content by weight and 100% recyclable.

SPECIFICATION

| # | Parameter | Unit | Value |
|---|----------------------|------|--------------------|
| 1 | Product Dimensions | mm | 70 x 70 x 2 |
| 2 | Maximum Load Bearing | kN | 533 |
| 3 | Product weight | gm | 10 |
| 4 | Material | | Polypropylene (PP) |



PRODUCT DESCRIPTION

Manufactured in the UAE from 100% recycled polypropylene, the pad offers high compressive strength, excellent impact resistance and dimensional stability under typical site temperatures. Pad geometry 70 × 70 mm provides a stable bearing area while compact dimensions allow easy placement in confined spaces. Edges are slightly chamfered for smooth insertion and alignment without damaging applied waterproofing or surface finishes.

Its locally sourced recycled plastic and UAE-based production help earn points under Estidama and Al Sa'fat green building certification systems and ICV requirements.

FACTORY ADDRESS

Legoplast Plastic Manufacturing L.L.C, 68 Street, warehouse S02,
Jabal Ali Industrial First, Dubai, United Arab Emirates, Makani № 1157464307, Land
DM № (Plot №) 599-1138

Note: This certify that the above item was tested and verified according to Legoplast Plastic Manufacturing L.L.C test procedure.

Issued To:
Legoplast Plastic Manufacturing LLC.
 Jebal Ali Industrial Area,
 Dubai, United Arab Emirates.

Report No : R2-260427-09
Report Date : 11/05/2026
Request No : Q2-260427-02

REPORT ON DETERMINATION OF LOAD BEARING CAPACITY OF PLASTIC

| | | | |
|-----------------------|---------------------------------------|-------------------------|---------------|
| Client | Legoplast Plastic Manufacturing L.L.C | Sample No | S2-260427-09 |
| Project Contractor | Not Provided | Date of Received | 27/04/2026 |
| Project Consultant | Not Provided | Date of Tested | 06/05/2026 |
| Project Name | Not Provided | Sampled by | Client |
| Project No | Not Provided | Date of Sampling | 26/04/2026 |
| Source / Supplier | Not Provided | Sample Brought by | Client's rep. |
| Sample Description | Plastic leveling shim -2mm | Client Ref. | Nil |
| Test Method | TH-IP-AD-005 | Ambient Temperature(°C) | 23 |
| Test Method Variation | None | Relative Humidity (%) | 50 |
| Tested by | EMP ID:048 | Sample size | 70x70x2mm |

Test Details

To check the load bearing capacity of plastic shimpad, four specimens were sandwiched between two flat steel spacer blocks of 100x100mm. load was gradually applied on the specimens till it expands maximum load was noted after the test as given below.

Test Result

| Sample Reference | Test Description | Unit | Test Result |
|------------------|-------------------|------|-------------|
| S2-260427-09 | Load Bearing Test | kN | 533 |

Remark: Specimen were piled-up 4-times to perform the test.



Signed for and on behalf of Testhub Laboratories LLC



Salman Faris T

Laboratory Supervisor / Advanced Material Department

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End of Report

SH3 – 3 mm Shim Pad

SQUARE LEVELING SHIM PAD, SIZE 3 MM

| | | |
|---|--|-------------------------------------|
| GREEN BUILDING 100% Recycled Material | HEAVY-DUTY Engineered For Strength | MADE IN UAE ICV certified |
|---|--|-------------------------------------|



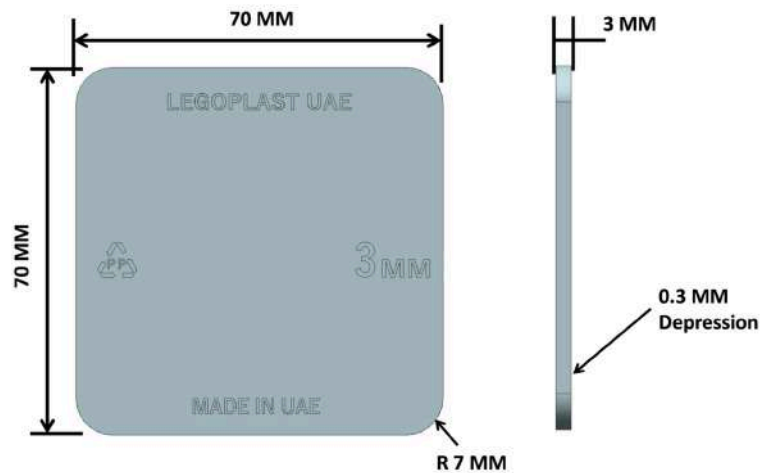
| | |
|-----------------------------------|----------------------------------|
| PRODUCT NAME | SH3 |
| PRODUCT TYPE | Square Leveling Shim Pad |
| MATERIAL | 100% Recycled Polypropylene (PP) |
| PRODUCT DIMENSIONS | 70 x 70 x 3 mm |
| PRODUCT WEIGHT | 14 gm |
| MAXIMUM LOAD BEARING | 562 kN |
| COLOR | Black |



DESIGN Optimized rib-free flat faces ensure full surface contact with substrates, improving friction and minimizing local stress concentrations. The product is made in UAE of 100% post-consumer recycled content by weight and 100% recyclable.

SPECIFICATION

| # | Parameter | Unit | Value |
|---|----------------------|------|--------------------|
| 1 | Product Dimensions | mm | 70 x 70 x 3 |
| 2 | Maximum Load Bearing | kN | 562 |
| 3 | Product weight | gm | 14 |
| 4 | Material | | Polypropylene (PP) |



PRODUCT DESCRIPTION

Manufactured in the UAE from 100% recycled polypropylene, the pad offers high compressive strength, excellent impact resistance and dimensional stability under typical site temperatures. Pad geometry 70 × 70 mm provides a stable bearing area while compact dimensions allow easy placement in confined spaces. Edges are slightly chamfered for smooth insertion and alignment without damaging applied waterproofing or surface finishes.

Its locally sourced recycled plastic and UAE-based production help earn points under Estidama and Al Sa'fat green building certification systems and ICV requirements.

FACTORY ADDRESS

Legoplast Plastic Manufacturing L.L.C, 68 Street, warehouse S02,
Jabal Ali Industrial First, Dubai, United Arab Emirates, Makani № 1157464307, Land
DM № (Plot №) 599-1138

Note: This certify that the above item was tested and verified according to Legoplast Plastic Manufacturing L.L.C test procedure.

Issued To:
Legoplast Plastic Manufacturing LLC.
 Jebal Ali Industrial Area,
 Dubai, United Arab Emirates.

Report No : R2-260427-10
Report Date : 11/05/2026
Request No : Q2-260427-03

REPORT ON DETERMINATION OF LOAD BEARING CAPACITY OF PLASTIC

| | | | |
|-----------------------|---------------------------------------|-------------------------|---------------|
| Client | Legoplast Plastic Manufacturing L.L.C | Sample No | S2-260427-10 |
| Project Contractor | Not Provided | Date of Received | 27/04/2026 |
| Project Consultant | Not Provided | Date of Tested | 06/05/2026 |
| Project Name | Not Provided | Sampled by | Client |
| Project No | Not Provided | Date of Sampling | 26/04/2026 |
| Source / Supplier | Not Provided | Sample Brought by | Client's rep. |
| Sample Description | Plastic leveling shim -3mm | Client Ref. | Nil |
| Test Method | TH-IP-AD-005 | Ambient Temperature(°C) | 23 |
| Test Method Variation | None | Relative Humidity (%) | 50 |
| Tested by | EMP ID:048 | Sample size | 70x70x3mm |

Test Details

To check the load bearing capacity of plastic shimpad, three specimens were sandwiched between two flat steel spacer blocks of 100x100mm. load was gradually applied on the specimens till it expands maximum load was noted after the test as given below.

Test Result

| Sample Reference | Test Description | Unit | Test Result |
|------------------|-------------------|------|-------------|
| S2-260427-10 | Load Bearing Test | kN | 562 |

Remark: Specimen were piled-up 3-times to perform the test.



Signed for and on behalf of Testhub Laboratories LLC



Salman Faris T

Laboratory Supervisor / Advanced Material Department

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End of Report

SH5 – 5 mm Shim Pad

SQUARE LEVELING SHIM PAD, SIZE 5 MM

| | | |
|---|--|-------------------------------------|
| GREEN BUILDING 100% Recycled Material | HEAVY-DUTY Engineered For Strength | MADE IN UAE ICV certified |
|---|--|-------------------------------------|



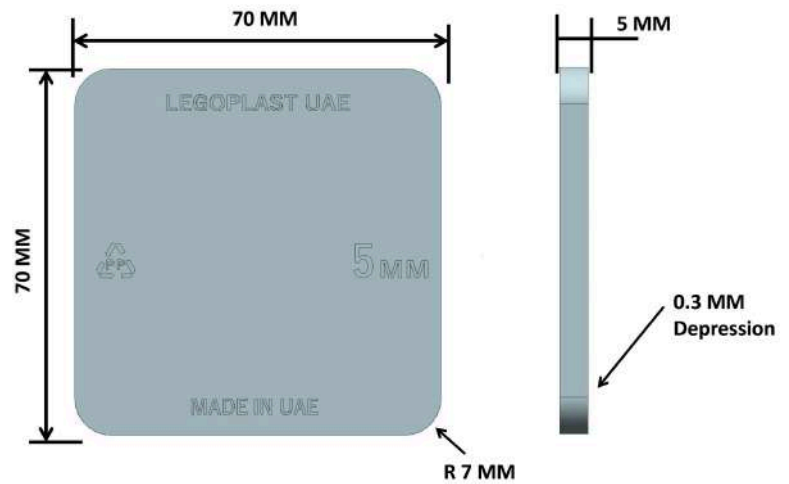
| | |
|-----------------------------------|----------------------------------|
| PRODUCT NAME | SH5 |
| PRODUCT TYPE | Square Leveling Shim Pad |
| MATERIAL | 100% Recycled Polypropylene (PP) |
| PRODUCT DIMENSIONS | 70 x 70 x 5 mm |
| PRODUCT WEIGHT | 21 gm |
| MAXIMUM LOAD BEARING | 826 kN |
| COLOR | Black |



DESIGN Optimized rib-free flat faces ensure full surface contact with substrates, improving friction and minimizing local stress concentrations. The product is made in UAE of 100% post-consumer recycled content by weight and 100% recyclable.

SPECIFICATION

| # | Parameter | Unit | Value |
|---|----------------------|------|--------------------|
| 1 | Product Dimensions | mm | 70 x 70 x 5 |
| 2 | Maximum Load Bearing | kN | 826 |
| 3 | Product weight | gm | 21 |
| 4 | Material | | Polypropylene (PP) |



PRODUCT DESCRIPTION

Manufactured in the UAE from 100% recycled polypropylene, the pad offers high compressive strength, excellent impact resistance and dimensional stability under typical site temperatures. Pad geometry 70 × 70 mm provides a stable bearing area while compact dimensions allow easy placement in confined spaces. Edges are slightly chamfered for smooth insertion and alignment without damaging applied waterproofing or surface finishes.

Its locally sourced recycled plastic and UAE-based production help earn points under Estidama and Al Sa'fat green building certification systems and ICV requirements.

FACTORY ADDRESS

Legoplast Plastic Manufacturing L.L.C, 68 Street, warehouse S02,
Jabal Ali Industrial First, Dubai, United Arab Emirates, Makani № 1157464307, Land
DM № (Plot №) 599-1138

Note: This certify that the above item was tested and verified according to Legoplast Plastic Manufacturing L.L.C test procedure.

Issued To:
Legoplast Plastic Manufacturing LLC.
 Jebal Ali Industrial Area,
 Dubai, United Arab Emirates.

Report No : R2-260427-11
Report Date : 11/05/2026
Request No : Q2-260427-04

REPORT ON DETERMINATION OF LOAD BEARING CAPACITY OF PLASTIC

| | | | |
|-----------------------|---------------------------------------|-------------------------|---------------|
| Client | Legoplast Plastic Manufacturing L.L.C | Sample No | S2-260427-11 |
| Project Contractor | Not Provided | Date of Received | 27/04/2026 |
| Project Consultant | Not Provided | Date of Tested | 06/05/2026 |
| Project Name | Not Provided | Sampled by | Client |
| Project No | Not Provided | Date of Sampling | 26/04/2026 |
| Source / Supplier | Not Provided | Sample Brought by | Client's rep. |
| Sample Description | Plastic leveling shim -5mm | Client Ref. | Nil |
| Test Method | TH-IP-AD-005 | Ambient Temperature(°C) | 23 |
| Test Method Variation | None | Relative Humidity (%) | 50 |
| Tested by | EMP ID:048 | Sample size | 70x70x5mm |

Test Details

To check the load bearing capacity of plastic shimpad, specimens were sandwiched between two flat steel spacer blocks of 100x100mm. load was gradually applied on the specimens till it expands maximum load was noted after the test as given below.

Test Result

| Sample Reference | Test Description | Unit | Test Result |
|------------------|-------------------|------|-------------|
| S2-260427-11 | Load Bearing Test | kN | 826 |

Remark: None.



Signed for and on behalf of Testhub Laboratories LLC



Salman Faris T

Laboratory Supervisor / Advanced Material Department

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End of Report

SH10 – 10 mm Shim Pad

SQUARE LEVELING SHIM PAD, SIZE 10 MM



| | | |
|---|--|-------------------------------------|
| GREEN BUILDING 100% Recycled Material | HEAVY-DUTY Engineered For Strength | MADE IN UAE ICV certified |
|---|--|-------------------------------------|

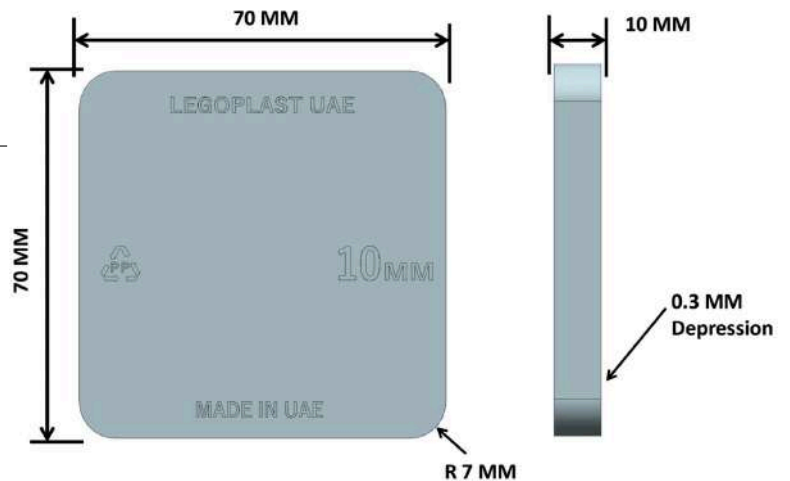
| | |
|-----------------------------------|----------------------------------|
| PRODUCT NAME | SH10 |
| PRODUCT TYPE | Square Leveling Shim Pad |
| MATERIAL | 100% Recycled Polypropylene (PP) |
| PRODUCT DIMENSIONS | 70 x 70 x 10 mm |
| PRODUCT WEIGHT | 45 gm |
| MAXIMUM LOAD BEARING | 1015 kN |
| COLOR | Black |



DESIGN Optimized rib-free flat faces ensure full surface contact with substrates, improving friction and minimizing local stress concentrations. The product is made in UAE of 100% post-consumer recycled content by weight and 100% recyclable.

SPECIFICATION

| # | Parameter | Unit | Value |
|---|----------------------|------|--------------------|
| 1 | Product Dimensions | mm | 70 x 70 x 10 |
| 2 | Maximum Load Bearing | kN | 1015 |
| 3 | Product weight | gm | 45 |
| 4 | Material | | Polypropylene (PP) |



PRODUCT DESCRIPTION

Manufactured in the UAE from 100% recycled polypropylene, the pad offers high compressive strength, excellent impact resistance and dimensional stability under typical site temperatures. Pad geometry 70 × 70 mm provides a stable bearing area while compact dimensions allow easy placement in confined spaces. Edges are slightly chamfered for smooth insertion and alignment without damaging applied waterproofing or surface finishes.

Its locally sourced recycled plastic and UAE-based production help earn points under Estidama and Al Sa'fat green building certification systems and ICV requirements.

FACTORY ADDRESS

Legoplast Plastic Manufacturing L.L.C, 68 Street, warehouse S02,
Jabal Ali Industrial First, Dubai, United Arab Emirates, Makani № 1157464307, Land
DM № (Plot №) 599-1138

Note: This certify that the above item was tested and verified according to Legoplast Plastic Manufacturing L.L.C test procedure.

Issued To:
Legoplast Plastic Manufacturing LLC.
 Jebal Ali Industrial Area,
 Dubai, United Arab Emirates.

Report No : R2-260508-01
Report Date : 15/05/2026
Request No : Q2-260508-01

REPORT ON DETERMINATION OF LOAD BEARING CAPACITY OF PLASTIC

| | | | |
|-----------------------|---------------------------------------|-------------------------|---------------|
| Client | Legoplast Plastic Manufacturing L.L.C | Sample No | S2-260508-01 |
| Project Contractor | Not Provided | Date of Received | 08/05/2026 |
| Project Consultant | Not Provided | Date of Tested | 14/05/2026 |
| Project Name | Not Provided | Sampled by | Client |
| Project No | Not Provided | Date of Sampling | 07/05/2026 |
| Source / Supplier | Not Provided | Sample Brought by | Client's rep. |
| Sample Description | Plastic leveling shim -10mm | Client Ref. | Nil |
| Test Method | TH-IP-AD-005 | Ambient Temperature(°C) | 23 |
| Test Method Variation | None | Relative Humidity (%) | 50 |
| Tested by | EMP ID:048 | Sample size | 70x70x10mm |

Test Details

To check the load bearing capacity of plastic shimpad, specimens were sandwiched between two flat steel spacer blocks of 100x100mm. load was gradually applied on the specimens till it expands maximum load was noted after the test as given below.

Test Result

| Sample Reference | Test Description | Unit | Test Result |
|------------------|-------------------|------|-------------|
| S2-260508-01 | Load Bearing Test | kN | 1015 |

Remark: None.



Signed for and on behalf of Testhub Laboratories LLC



Salman Faris T

Laboratory Supervisor / Advanced Material Department

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End of Report

Product Overview

Clip Spacers

PLASTIC CLIP SPACER 12mm

HEAVY-DUTY PLASTIC CLIP SPACER (SNAP CHAIR)

| | | | |
|--|--|---|---|
| GREEN BUILDING Recycled Material | EASY TO WORK No Binding Wiring | VERY LIGHT 10 times lighter than concrete spacers | CUT COST Save 30-70% compared to concrete spacers |
|--|--|---|---|



| | |
|--|-----------------------------|
| PRODUCT NAME | 12mm Clip Spacer |
| PRODUCT REFERENCE CODE | 12AHD |
| COVER HEIGHTS | 12 mm |
| REBAR DIAMETER | 6-18 mm (bar size #2 to #6) |
| SPACER WEIGHT | 3 grams |
| MATERIAL | Polypropylene (PP) |
| COLOR | Black |
| TEMPERATURE RESISTANCE | +120 °C |
| LOAD RESISTANCE | 300 kg |
| PACKING QUANTITY | 4000 pcs |
| BOX DIMENSION (H x W x D) | 45 x 60 x 40 cm |



INSTALLATION GUIDE



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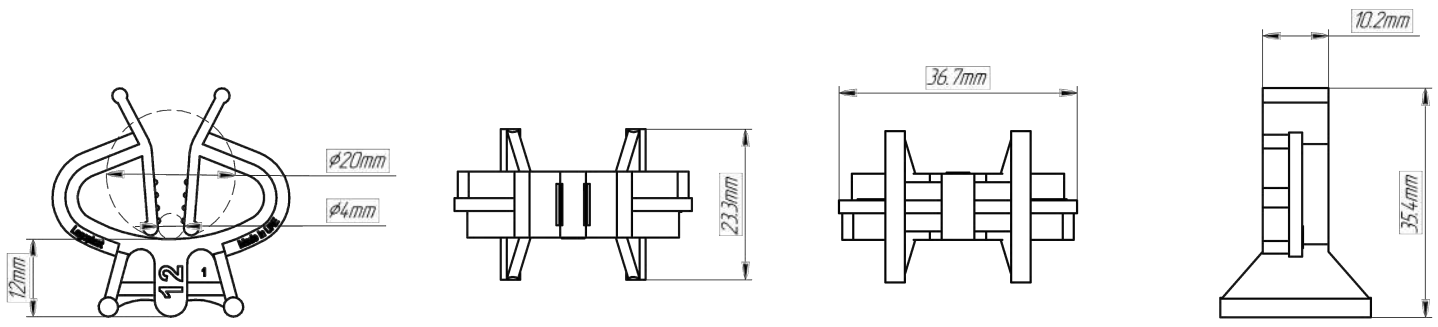
RECYCLED MATERIAL 100% RECYCLABLE



ISO 9001:2015 QMS
ISO 14001:2015 EMS
ISO 45001:2018 OHSMS



DESIGN Fully compliant to CRSI Manual of Standard Practice (USA)
300% exceeds requirements of DIN1045 (Germany) for Class 2 Plastic Rebar Spacers



SPECIFICATION

| # | Parameter | Unit | Value |
|---|---------------------|------|-------|
| 1 | Concrete cover | mm | 12 |
| 2 | Bar size (diameter) | mm | 6-18 |
| 3 | Item weight | gm | 3 |
| 4 | Height | mm | 35.4 |
| 5 | Width | mm | 36.7 |
| 6 | Depth | mm | 23.3 |

PRODUCT DESCRIPTION

Heavy-duty plastic clip spacer (also named 'A' Shape Spacer) designed to accept bars from 6 to 18 mm. 300% exceeds requirements of German performance class L2. Fully compliant to CRSI Manual of Standard Practice (USA). Recommended installation at 50 to 100 cm intervals. The spacer can be used for various applications in pre-cast or insitu concrete.

FACTORY ADDRESS

Legoplast Plastic Manufacturing L.L.C, 68 Street, warehouse S02 near building 27, Jabal Ali Industrial First, Dubai, United Arab Emirates, Makani № 1157464307, Land DM № (Plot №) 599-1138

Note: This certify that the above item was tested and verified according to Legoplast Plastic Manufacturing L.L.C test procedure.

LABORATORY TEST REPORT

Issued To:
 Legoplast Plastic Manufacturing L.L.C
 PO Box:566481
 Jebal Ali Industrial Area,
 Dubai, United Arab Emirates.

Report No : R2-240815-02
 Report Date : 15-08-2024
 Request No : Q2-240815-02

Introduction: Further to the request received from Legoplast Plastic Manufacturing L.L.C. dated 15th Aug 2024, the sample of clip spacer was tested, and the results are as follows.

Sample Received Date : 15/08/2024
 Date Tested : 20/08/2024
 Tested By : 011
 Test Method : TH-IP-AD-002

General Information

| Sample Number | Sample Description | Received |
|---------------|--------------------|------------|
| S2-240815-02 | Clip spacer (12mm) | 15/08/2024 |

Test Results

| Specimen No. | Load Test | | Observation |
|--------------|-------------------|-------------------|-----------------|
| | Maximum Load (kN) | Maximum Load (kg) | |
| 1. | 3.14 | 320.19 | Sample deformed |

Remark: Test pictures are given in Annex A.



Signed for and on behalf of Testhub Laboratories LLC



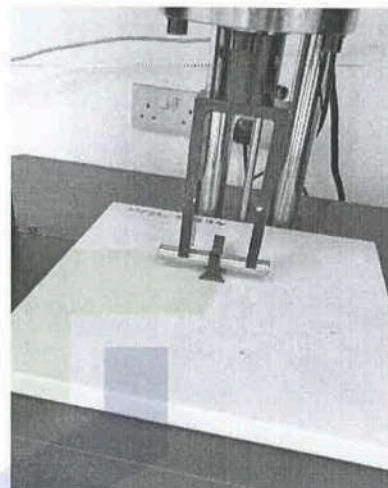
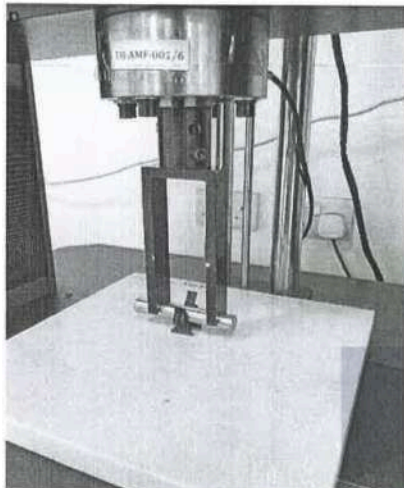
Salman Faris T
 Laboratory Supervisor / Advanced Material Department

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End of Report

ANNEX A

Sample pictures



PLASTIC CLIP SPACER 16mm

HEAVY-DUTY PLASTIC CLIP SPACER (SNAP CHAIR)

| | | | |
|--|--|---|---|
| GREEN BUILDING Recycled Material | EASY TO WORK No Binding Wiring | VERY LIGHT 10 times lighter than concrete spacers | CUT COST Save 30-70% compared to concrete spacers |
|--|--|---|---|



| | |
|--|-----------------------------|
| PRODUCT NAME | 16mm Clip Spacer |
| PRODUCT REFERENCE CODE | 16AHD |
| COVER HEIGHTS | 16 mm |
| REBAR DIAMETER | 6-18 mm (bar size #2 to #6) |
| SPACER WEIGHT | 4 grams |
| MATERIAL | Polypropylene (PP) |
| COLOR | Black |
| TEMPERATURE RESISTANCE | +120 °C |
| LOAD RESISTANCE | 300 kg |
| PACKING QUANTITY | 3800 pcs |
| BOX DIMENSION (H x W x D) | 45 x 60 x 40 cm |



INSTALLATION GUIDE



PRODUCED IN DUBAI FOR GCC



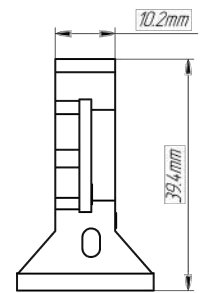
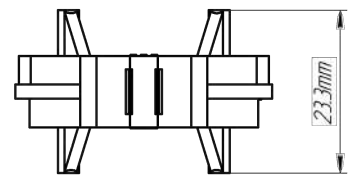
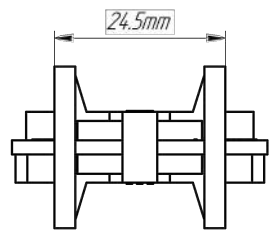
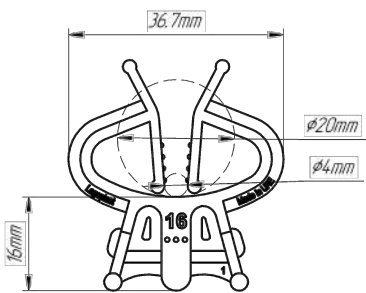
RECYCLED MATERIAL 100% RECYCLABLE



ISO 9001:2015 QMS
ISO 14001:2015 EMS
ISO 45001:2018 OHSMS



DESIGN Fully compliant to CRSI Manual of Standard Practice (USA)
300% exceeds requirements of DIN1045 (Germany) for Class 2 Plastic Rebar Spacers



SPECIFICATION

| # | Parameter | Unit | Value |
|---|---------------------|------|-------|
| 1 | Concrete cover | mm | 16 |
| 2 | Bar size (diameter) | mm | 6-18 |
| 3 | Item weight | gm | 4 |
| 4 | Height | mm | 39.4 |
| 5 | Width | mm | 36.7 |
| 6 | Depth | mm | 23.3 |

PRODUCT DESCRIPTION

Heavy-duty plastic clip spacer (also named 'A' Shape Spacer) designed to accept bars from 6 to 18 mm. 300% exceeds requirements of German performance class L2. Fully compliant to CRSI Manual of Standard Practice (USA). Recommended installation at 50 to 100 cm intervals. The spacer can be used for various applications in pre-cast or insitu concrete.

FACTORY ADDRESS

Legoplast Plastic Manufacturing L.L.C, 68 Street, warehouse S02 near building 27, Jabal Ali Industrial First, Dubai, United Arab Emirates, Makani № 1157464307, Land DM № (Plot №) 599-1138

Note: This certify that the above item was tested and verified according to Legoplast Plastic Manufacturing L.L.C test procedure.

LABORATORY TEST REPORT

Issued To:
 Legoplast Plastic Manufacturing L.L.C
 PO Box:566481
 Jebel Ali Industrial Area,
 Dubai, United Arab Emirates.

Report No : R2-240815-03
 Report Date : 15-08-2024
 Request No : Q2-240815-02

Introduction: Further to the request received from Legoplast Plastic Manufacturing L.L.C. dated 15th Aug 2024, the sample of clip spacer was tested, and the results are as follows.

Sample Received Date : 15/08/2024
 Date Tested : 20/08/2024
 Tested By : 011
 Test Method : TH-IP-AD-002

General Information

| Sample Number | Sample Description | Received |
|---------------|--------------------|------------|
| S2-240815-03 | Clip spacer (16mm) | 15/08/2024 |

Test Results

| Specimen No. | Load Test | | Observation |
|--------------|-------------------|-------------------|-----------------|
| | Maximum Load (kN) | Maximum Load (kg) | |
| 1. | 3.22 | 328.35 | Sample deformed |

Remark: Test pictures are given in Annex A.



Signed for and on behalf of Testhub Laboratories LLC



Salman Faris T

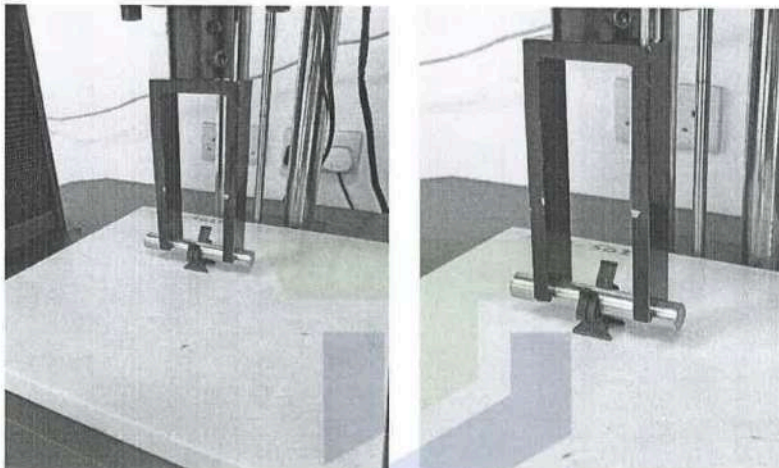
Laboratory Supervisor / Advanced Material Department

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End of Report

ANNEX A

Sample pictures



PLASTIC CLIP SPACER 20mm

HEAVY-DUTY PLASTIC CLIP SPACER (SNAP CHAIR)

| | | | |
|--|--|---|---|
| GREEN BUILDING Recycled Material | EASY TO WORK No Binding Wiring | VERY LIGHT 10 times lighter than concrete spacers | CUT COST Save 30-70% compared to concrete spacers |
|--|--|---|---|



| | |
|--|-----------------------------|
| PRODUCT NAME | 20mm Clip Spacer |
| PRODUCT REFERENCE CODE | 20AHD |
| COVER HEIGHTS | 20 mm |
| REBAR DIAMETER | 6-18 mm (bar size #2 to #6) |
| SPACER WEIGHT | 4 grams |
| MATERIAL | Polypropylene (PP) |
| COLOR | Black |
| TEMPERATURE RESISTANCE | +120 °C |
| LOAD RESISTANCE | 300 kg |
| PACKING QUANTITY | 3600 pcs |
| BOX DIMENSION (H x W x D) | 45 x 60 x 40 cm |



INSTALLATION GUIDE



PRODUCED IN DUBAI FOR GCC



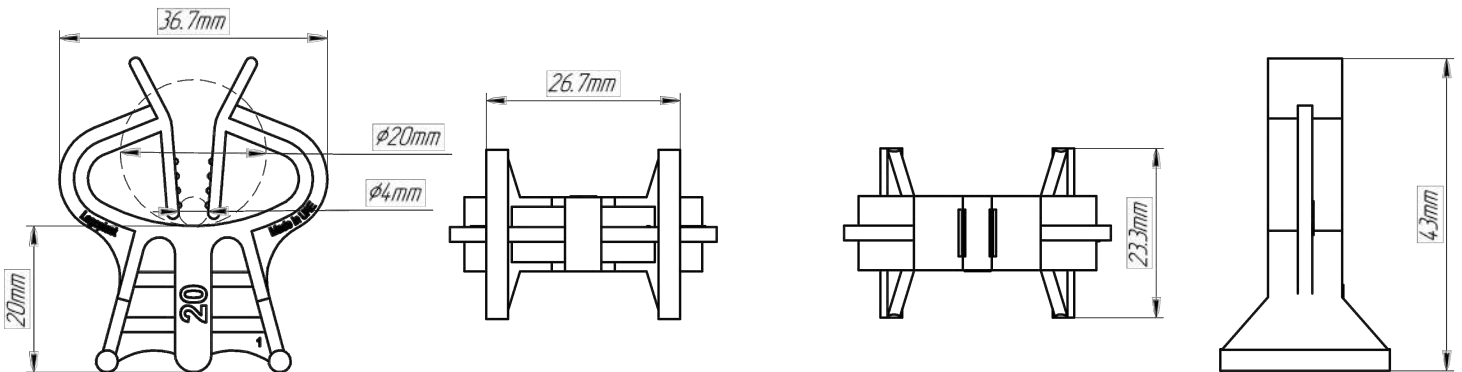
RECYCLED MATERIAL 100% RECYCLABLE



ISO 9001:2015 QMS
ISO 14001:2015 EMS
ISO 45001:2018 OHSMS



DESIGN Fully compliant to CRSI Manual of Standard Practice (USA)
300% exceeds requirements of DIN1045 (Germany) for Class 2 Plastic Rebar Spacers



SPECIFICATION

| # | Parameter | Unit | Value |
|---|---------------------|------|-------|
| 1 | Concrete cover | mm | 20 |
| 2 | Bar size (diameter) | mm | 6-18 |
| 3 | Item weight | gm | 4 |
| 4 | Height | mm | 43 |
| 5 | Width | mm | 36.7 |
| 6 | Depth | mm | 23.3 |

PRODUCT DESCRIPTION

Heavy-duty plastic clip spacer (also named 'A' Shape Spacer) designed to accept bars from 6 to 18 mm. 300% exceeds requirements of German performance class L2. Fully compliant to CRSI Manual of Standard Practice (USA). Recommended installation at 50 to 100 cm intervals. The spacer can be used for various applications in pre-cast or insitu concrete.

FACTORY ADDRESS

Legoplast Plastic Manufacturing L.L.C, 68 Street, warehouse S02 near building 27, Jabal Ali Industrial First, Dubai, United Arab Emirates, Makani № 1157464307, Land DM № (Plot №) 599-1138

Note: This certify that the above item was tested and verified according to Legoplast Plastic Manufacturing L.L.C test procedure.

LABORATORY TEST REPORT

Issued To:
Legoplast Plastic Manufacturing L.L.C
 PO Box:566481
 Jebal Ali Industrial Area,
 Dubai, United Arab Emirates.

Report No : R2-240815-04
 Report Date : 15-08-2024
 Request No : Q2-240815-02

Introduction: Further to the request received from **Legoplast Plastic Manufacturing L.L.C.** dated 15th Aug 2024, the sample of clip spacer was tested, and the results are as follows.

Sample Received Date : 15/08/2024
 Date Tested : 20/08/2024
 Tested By : 011
 Test Method : TH-IP-AD-002

General Information

| Sample Number | Sample Description | Received |
|---------------|--------------------|------------|
| S2-240815-04 | Clip spacer (20mm) | 15/08/2024 |

Test Results

| Specimen No. | Load Test | | Observation |
|--------------|-------------------|-------------------|-----------------|
| | Maximum Load (kN) | Maximum Load (kg) | |
| 1. | 3.20 | 326.31 | Sample deformed |

Remark: Test pictures are given in Annex A.



Signed for and on behalf of Testhub Laboratories LLC



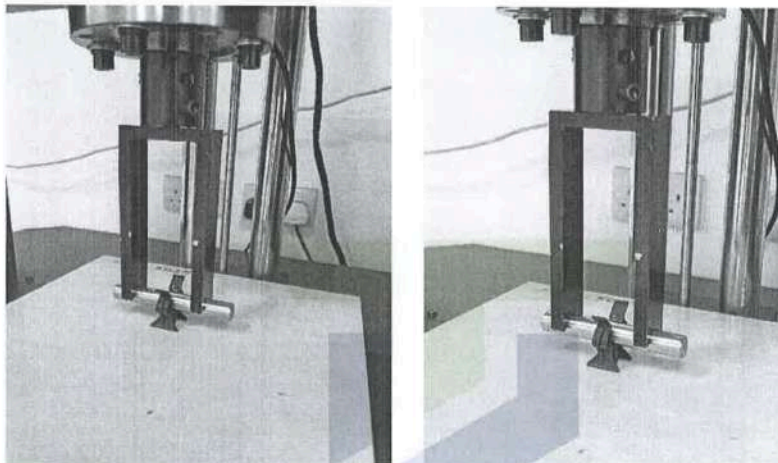
Salman Faris T
 Laboratory Supervisor / Advanced Material Department

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End of Report

ANNEX A

Sample pictures



PLASTIC CLIP SPACER 25mm

HEAVY-DUTY PLASTIC CLIP SPACER (SNAP CHAIR)

| | | | |
|--|--|---|---|
| GREEN BUILDING Recycled Material | EASY TO WORK No Binding Wiring | VERY LIGHT 10 times lighter than concrete spacers | CUT COST Save 30-70% compared to concrete spacers |
|--|--|---|---|



| | |
|--|-----------------------------|
| PRODUCT NAME | 25mm Clip Spacer |
| PRODUCT REFERENCE CODE | 25AHD |
| COVER HEIGHTS | 25 mm |
| REBAR DIAMETER | 6-18 mm (bar size #2 to #6) |
| SPACER WEIGHT | 5 grams |
| MATERIAL | Polypropylene (PP) |
| COLOR | Black |
| TEMPERATURE RESISTANCE | +120 °C |
| LOAD RESISTANCE | 300 kg |
| PACKING QUANTITY | 3500 pcs |
| BOX DIMENSION (H x W x D) | 45 x 60 x 40 cm |



INSTALLATION GUIDE



PRODUCED IN DUBAI FOR GCC



RECYCLED MATERIAL 100% RECYCLABLE

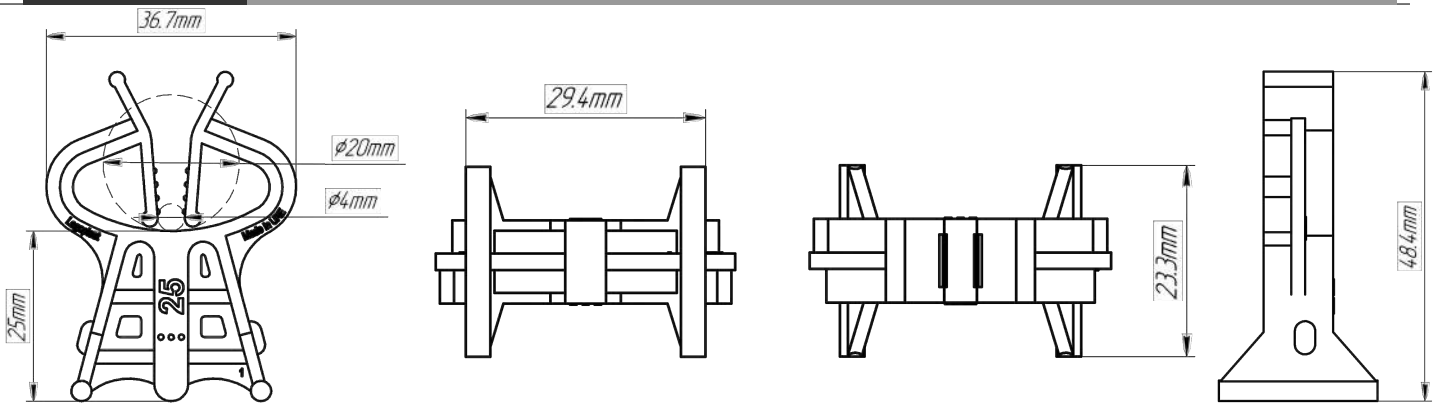


ISO 9001:2015 QMS
ISO 14001:2015 EMS
ISO 45001:2018 OHSMS



ASCE Accreditation Service Worldwide

DESIGN Fully compliant to CRSI Manual of Standard Practice (USA)
300% exceeds requirements of DIN1045 (Germany) for Class 2 Plastic Rebar Spacers



SPECIFICATION

| # | Parameter | Unit | Value |
|---|---------------------|------|-------|
| 1 | Concrete cover | mm | 25 |
| 2 | Bar size (diameter) | mm | 6-18 |
| 3 | Item weight | gm | 5 |
| 4 | Height | mm | 48.4 |
| 5 | Width | mm | 36.7 |
| 6 | Depth | mm | 23.3 |

PRODUCT DESCRIPTION

Heavy-duty plastic clip spacer (also named 'A' Shape Spacer) designed to accept bars from 6 to 18 mm. 300% exceeds requirements of German performance class L2. Fully compliant to CRSI Manual of Standard Practice (USA). Recommended installation at 50 to 100 cm intervals. The spacer can be used for various applications in pre-cast or insitu concrete.

FACTORY ADDRESS

Legoplast Plastic Manufacturing L.L.C, 68 Street, warehouse S02 near building 27, Jabal Ali Industrial First, Dubai, United Arab Emirates, Makani № 1157464307, Land DM № (Plot №) 599-1138

Note: This certify that the above item was tested and verified according to Legoplast Plastic Manufacturing L.L.C test procedure.

LABORATORY TEST REPORT

Issued To:
 Legoplast Plastic Manufacturing L.L.C
 PO Box:566481
 Jebel Ali Industrial Area,
 Dubai, United Arab Emirates.

Report No : R2-240815-05
 Report Date : 15-08-2024
 Request No : Q2-240815-02

Introduction: Further to the request received from **Legoplast Plastic Manufacturing L.L.C.** dated 15th Aug 2024, the sample of clip spacer was tested, and the results are as follows.

Sample Received Date : 15/08/2024
 Date Tested : 20/08/2024
 Tested By : 011
 Test Method : TH-IP-AD-002

General Information

| Sample Number | Sample Description | Received |
|---------------|--------------------|------------|
| S2-240815-05 | Clip spacer (25mm) | 15/08/2024 |

Test Results

| Specimen No. | Load Test | | Observation |
|--------------|-------------------|-------------------|-----------------|
| | Maximum Load (kN) | Maximum Load (kg) | |
| 1. | 3.23 | 329.37 | Sample deformed |

Remark: Test pictures are given in Annex A.



Signed for and on behalf of Testhub Laboratories LLC



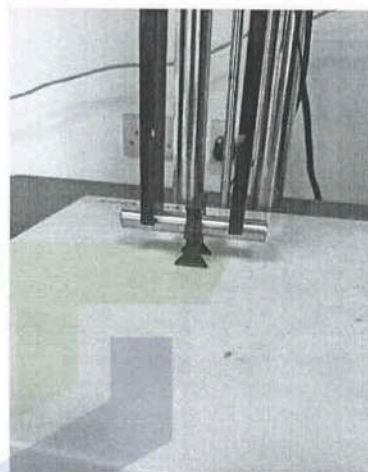
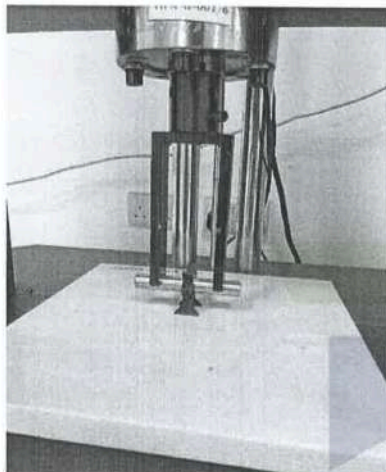
Salman Faris T
 Laboratory Supervisor / Advanced Material Department

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End of Report

ANNEX A

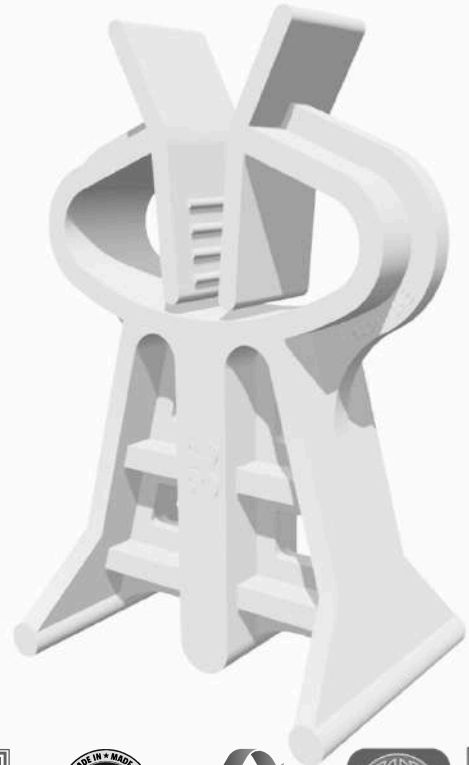
Sample pictures



PLASTIC CLIP SPACER 30mm

HEAVY-DUTY PLASTIC CLIP SPACER (SNAP CHAIR)

| | | | |
|--|--|---|---|
| GREEN BUILDING Recycled Material | EASY TO WORK No Binding Wiring | VERY LIGHT 10 times lighter than concrete spacers | CUT COST Save 30-70% compared to concrete spacers |
|--|--|---|---|



| | |
|--|-----------------------------|
| PRODUCT NAME | 30 mm Clip Spacer |
| PRODUCT REFERENCE CODE | 30AHD |
| COVER HEIGHTS | 30 mm |
| REBAR DIAMETER | 6-18 mm (bar size #2 to #6) |
| SPACER WEIGHT | 5 grams |
| MATERIAL | Polypropylene (PP) |
| COLOR | Black |
| TEMPERATURE RESISTANCE | +120 °C |
| LOAD RESISTANCE | 300 kg |
| PACKING QUANTITY | 3000 pcs |
| BOX DIMENSION (H x W x D) | 45 x 60 x 40 cm |



INSTALLATION GUIDE



PRODUCED IN DUBAI FOR GCC



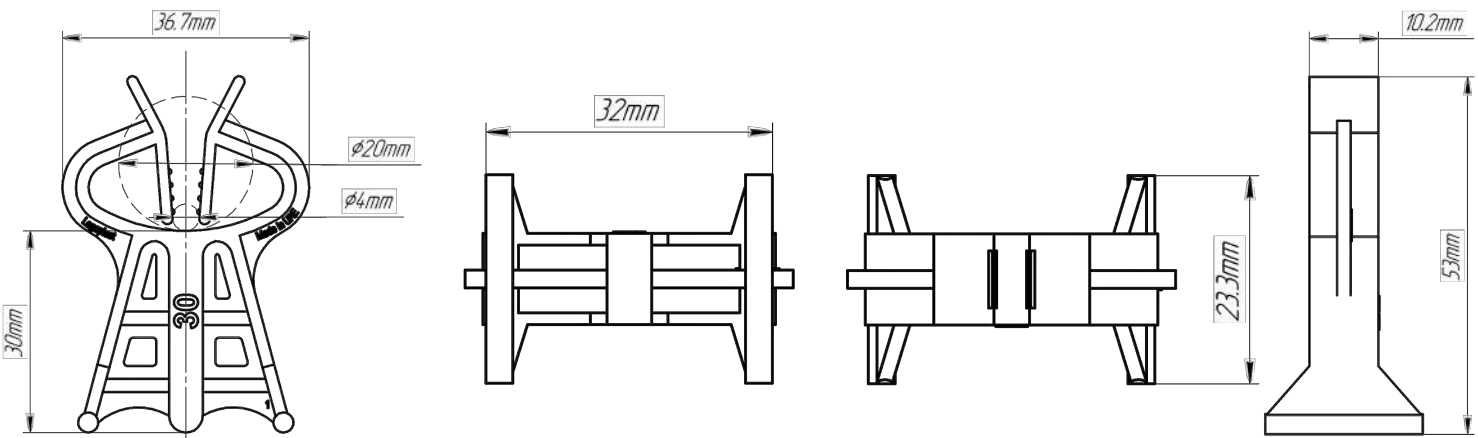
RECYCLED MATERIAL 100% RECYCLABLE



ISO 9001:2015 QMS
ISO 14001:2015 EMS
ISO 45001:2018 OHSMS



DESIGN Fully compliant to CRSI Manual of Standard Practice (USA)
300% exceeds requirements of DIN1045 (Germany) for Class 2 Plastic Rebar Spacers



SPECIFICATION

| # | Parameter | Unit | Value |
|---|---------------------|------|-------|
| 1 | Concrete cover | mm | 30 |
| 2 | Bar size (diameter) | mm | 6-18 |
| 3 | Item weight | gm | 6 |
| 4 | Height | mm | 53 |
| 5 | Width | mm | 36.7 |
| 6 | Depth | mm | 23.3 |

PRODUCT DESCRIPTION

Heavy-duty plastic clip spacer (also named 'A' Shape Spacer) designed to accept bars from 6 to 18 mm. 300% exceeds requirements of German performance class L2. Fully compliant to CRSI Manual of Standard Practice (USA). Recommended installation at 50 to 100 cm intervals. The spacer can be used for various applications in pre-cast or insitu concrete.

FACTORY ADDRESS

Legoplast Plastic Manufacturing L.L.C, 68 Street, warehouse S02 near building 27, Jabal Ali Industrial First, Dubai, United Arab Emirates, Makani № 1157464307, Land DM № (Plot №) 599-1138

Note: This certify that the above item was tested and verified according to Legoplast Plastic Manufacturing L.L.C test procedure.

LABORATORY TEST REPORT

Issued To:
 Legoplast Plastic Manufacturing L.L.C
 PO Box:566481
 Jebel Ali Industrial Area,
 Dubai, United Arab Emirates.

Report No : R2-240815-06
 Report Date : 15-08-2024
 Request No : Q2-240815-02

Introduction: Further to the request received from Legoplast Plastic Manufacturing L.L.C. dated 15th Aug 2024, the sample of clip spacer was tested, and the results are as follows.

Sample Received Date : 15/08/2024
 Date Tested : 20/08/2024
 Tested By : 011
 Test Method : TH-IP-AD-002

General Information

| Sample Number | Sample Description | Received |
|---------------|--------------------|------------|
| S2-240815-06 | Clip spacer (30mm) | 15/08/2024 |

Test Results

| Specimen No. | Load Test | | Observation |
|--------------|-------------------|-------------------|-----------------|
| | Maximum Load (kN) | Maximum Load (kg) | |
| 1. | 3.25 | 331.41 | Sample deformed |

Remark: Test pictures are given in Annex A.



Signed for and on behalf of Testhub Laboratories LLC



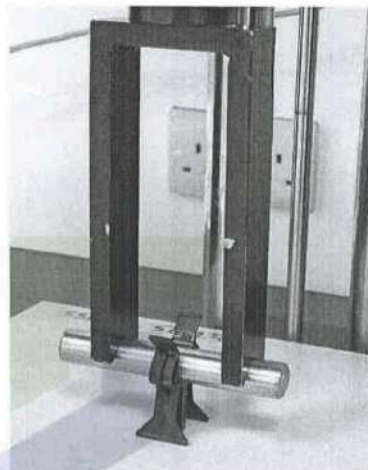
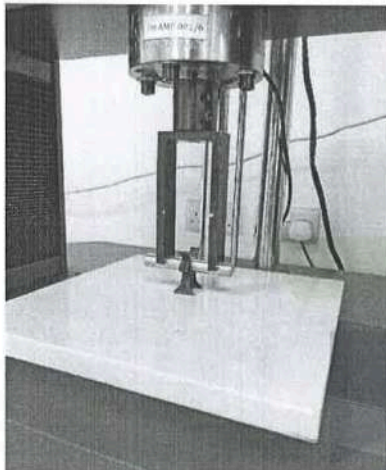
Salman Faris T
 Laboratory Supervisor / Advanced Material Department

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End of Report

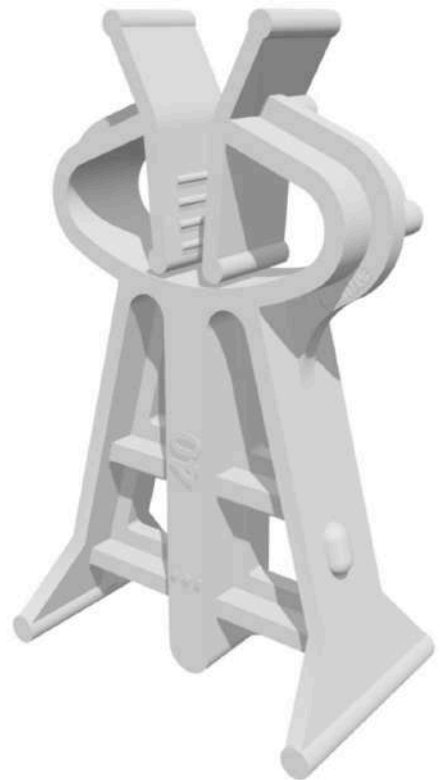
ANNEX A

Sample pictures



PLASTIC CLIP SPACER 40mm

HEAVY-DUTY PLASTIC CLIP SPACER (SNAP CHAIR)



| | | | |
|--|--|---|---|
| GREEN BUILDING Recycled Material | EASY TO WORK No Binding Wiring | VERY LIGHT 10 times lighter than concrete spacers | CUT COST Save 30-70% compared to concrete spacers |
|--|--|---|---|

| | |
|--|-----------------------------|
| PRODUCT NAME | 40 mm Clip Spacer |
| PRODUCT REFERENCE CODE | 40AHD |
| COVER HEIGHTS | 40 mm |
| REBAR DIAMETER | 6-18 mm (bar size #2 to #6) |
| SPACER WEIGHT | 7 grams |
| MATERIAL | Polypropylene (PP) |
| COLOR | Black |
| TEMPERATURE RESISTANCE | +120 °C |
| LOAD RESISTANCE | 300 kg |
| PACKING QUANTITY | 500 pcs |
| BOX DIMENSION (H x W x D) | 45 x 60 x 40 cm |



INSTALLATION GUIDE



PRODUCED IN DUBAI FOR GCC



RECYCLED MATERIAL 100% RECYCLABLE

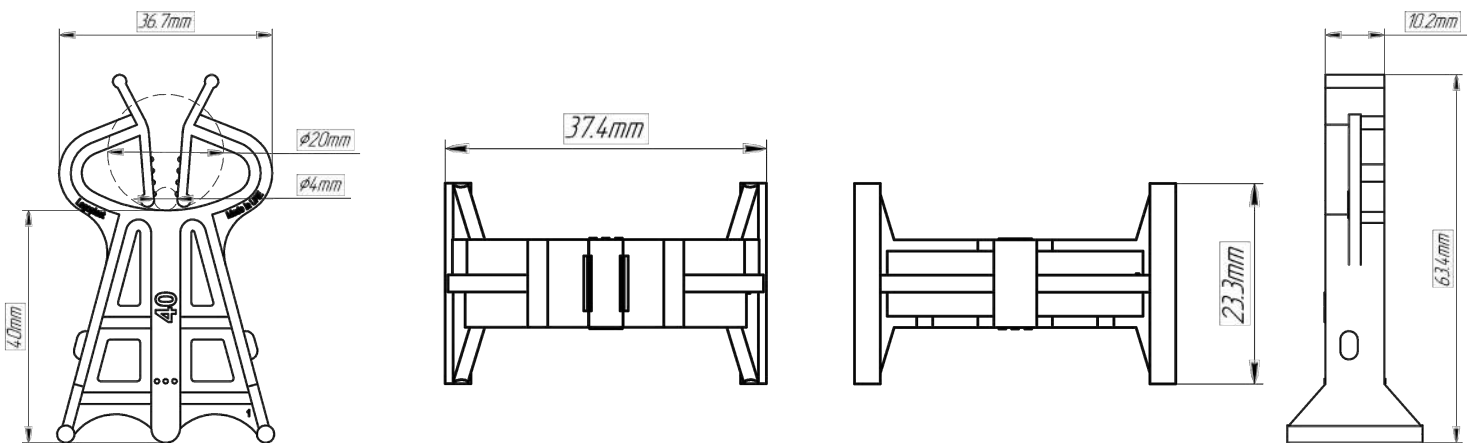


ISO 9001:2015 QMS
ISO 14001:2015 EMS
ISO 45001:2018 OHSMS



ASCE Accredited Service Workshop

DESIGN Fully compliant to CRSI Manual of Standard Practice (USA)
300% exceeds requirements of DIN1045 (Germany) for Class 2 Plastic Rebar Spacers



SPECIFICATION

| # | Parameter | Unit | Value |
|---|---------------------|------|-------|
| 1 | Concrete cover | mm | 40 |
| 2 | Bar size (diameter) | mm | 6-18 |
| 3 | Item weight | gm | 7 |
| 4 | Height | mm | 63.4 |
| 5 | Width | mm | 37.4 |
| 6 | Depth | mm | 23.3 |

PRODUCT DESCRIPTION

Heavy-duty plastic clip spacer (also named 'A' Shape Spacer) designed to accept bars from 6 to 18 mm. 300% exceeds requirements of German performance class L2. Fully compliant to CRSI Manual of Standard Practice (USA). Recommended installation at 50 to 100 cm intervals. The spacer can be used for various applications in pre-cast or insitu concrete.

FACTORY ADDRESS

Legoplast Plastic Manufacturing L.L.C, 68 Street, warehouse S02 near building 27, Jabal Ali Industrial First, Dubai, United Arab Emirates, Makani № 1157464307, Land DM № (Plot №) 599-1138

Note: This certify that the above item was tested and verified according to Legoplast Plastic Manufacturing L.L.C test procedure.

LABORATORY TEST REPORT

Issued To:
 Legoplast Plastic Manufacturing L.L.C
 PO Box:566481
 Jebal Ali Industrial Area,
 Dubai, United Arab Emirates.

Report No : R2-240815 07
 Report Date : 15-08-2024
 Request No : Q2-240815-02

Introduction: Further to the request received from Legoplast Plastic Manufacturing L.L.C. dated 15th Aug 2024, the sample of clip spacer was tested, and the results are as follows.

Sample Received Date : 15/08/2024
 Date Tested : 20/08/2024
 Tested By : 011
 Test Method : TH-IP-AD-002

General Information

| Sample Number | Sample Description | Received |
|---------------|--------------------|------------|
| S2-240815-07 | Clip spacer (40mm) | 15/08/2024 |

Test Results

| Specimen No. | Load Test | | Observation |
|--------------|-------------------|-------------------|-----------------|
| | Maximum Load (kN) | Maximum Load (kg) | |
| 1. | 3.22 | 328.35 | Sample deformed |

Remark: Test pictures are given in Annex A.



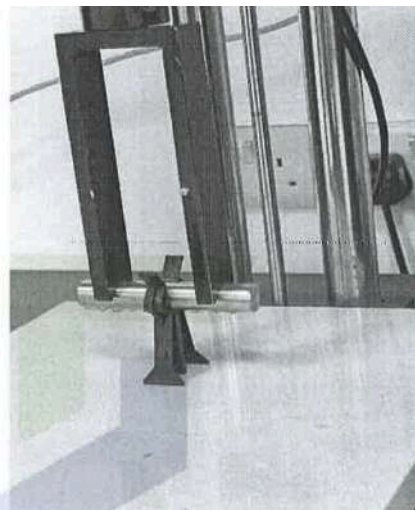
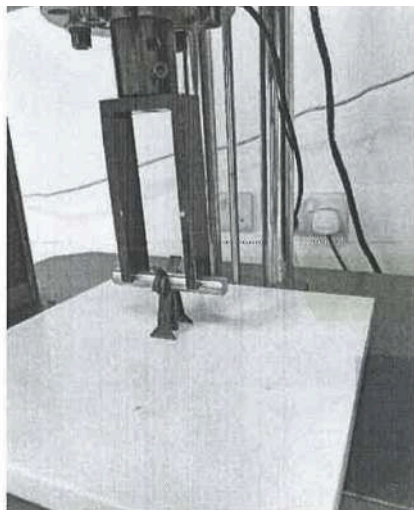
Signed for and on behalf of Testhub Laboratories LLC



Salman Faris T
 Laboratory Supervisor / Advanced Material Department

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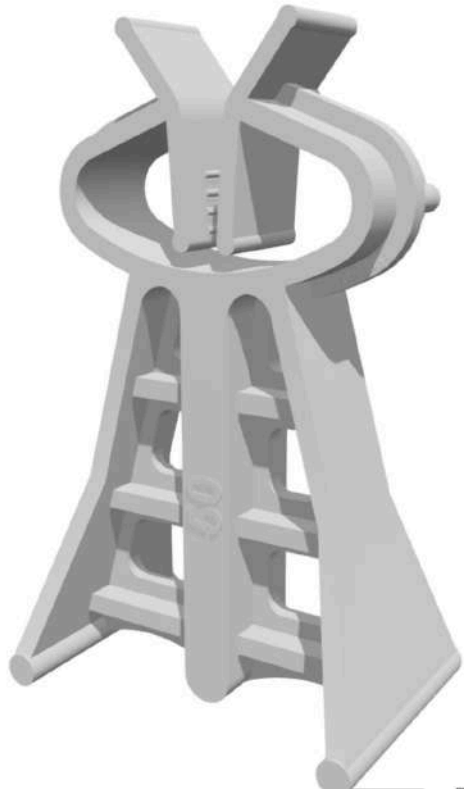
End of Report



PLASTIC CLIP SPACER 50mm

HEAVY-DUTY PLASTIC CLIP SPACER (SNAP CHAIR)

| | | | |
|--|--|---|---|
| GREEN BUILDING Recycled Material | EASY TO WORK No Binding Wiring | VERY LIGHT 10 times lighter than concrete spacers | CUT COST Save 30-70% compared to concrete spacers |
|--|--|---|---|



| | |
|--|-----------------------------|
| PRODUCT NAME | 50 mm Clip Spacer |
| PRODUCT REFERENCE CODE | 50AHD |
| COVER HEIGHTS | 50 mm |
| REBAR DIAMETER | 6-18 mm (bar size #2 to #6) |
| SPACER WEIGHT | 12 grams |
| MATERIAL | Polypropylene (PP) |
| COLOR | Black |
| TEMPERATURE RESISTANCE | +120 °C |
| LOAD RESISTANCE | 300 kg |
| PACKING QUANTITY | 1250 pcs |
| BOX DIMENSION (H x W x D) | 45 x 60 x 40 cm |



INSTALLATION GUIDE



PRODUCED IN DUBAI FOR GCC



RECYCLED MATERIAL 100% RECYCLABLE

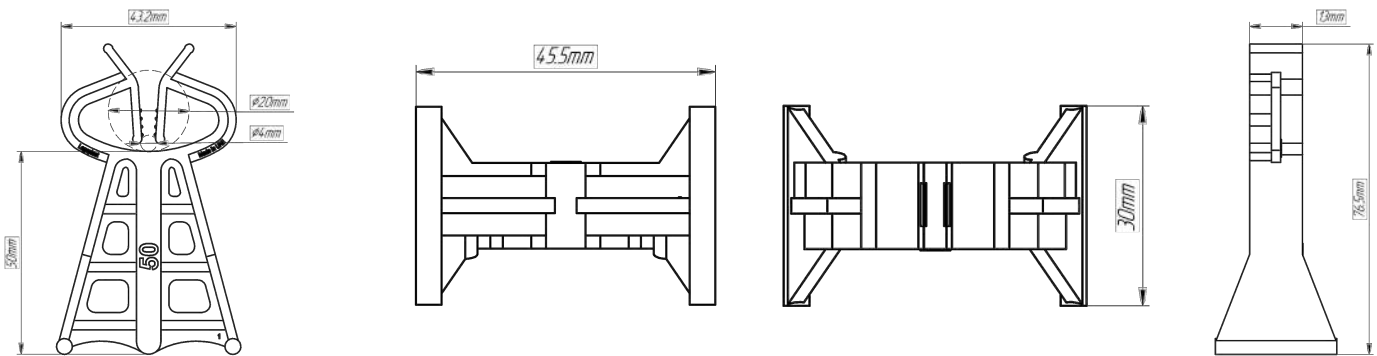


ISO 9001:2015 QMS
ISO 14001:2015 EMS
ISO 45001:2018 OHSMS



DESIGN

Fully compliant to CRSI Manual of Standard Practice (USA)
300% exceeds requirements of DIN1045 (Germany) for Class 2 Plastic Rebar Spacers



SPECIFICATION

| # | Parameter | Unit | Value |
|---|---------------------|------|-------|
| 1 | Concrete cover | mm | 50 |
| 2 | Bar size (diameter) | mm | 6-18 |
| 3 | Item weight | gm | 12 |
| 4 | Height | mm | 76.5 |
| 5 | Width | mm | 45.5 |
| 6 | Depth | mm | 30 |

PRODUCT DESCRIPTION

Heavy-duty plastic clip spacer (also named 'A' Shape Spacer) designed to accept bars from 6 to 18 mm. 300% exceeds requirements of German performance class L2. Fully compliant to CRSI Manual of Standard Practice (USA). Recommended installation at 50 to 100 cm intervals. The spacer can be used for various applications in pre-cast or insitu concrete.

FACTORY ADDRESS

Legoplast Plastic Manufacturing L.L.C, 68 Street, warehouse S02 near building 27, Jabal Ali Industrial First, Dubai, United Arab Emirates, Makani № 1157464307, Land DM № (Plot №) 599-1138

Note: This certify that the above item was tested and verified according to Legoplast Plastic Manufacturing L.L.C test procedure.

LABORATORY TEST REPORT

Issued To:
Legoplast Plastic Manufacturing L.L.C
 PO Box:566481
 Jebel Ali Industrial Area,
 Dubai, United Arab Emirates.

Report No : R2-240815-08
 Report Date : 15-08-2024
 Request No : Q2-240815-02

Introduction: Further to the request received from **Legoplast Plastic Manufacturing L.L.C.** dated 15th Aug 2024, the sample of clip spacer was tested, and the results are as follows.

Sample Received Date : 15/08/2024
 Date Tested : 20/08/2024
 Tested By : 011
 Test Method : TH-IP-AD-002

General Information

| Sample Number | Sample Description | Received |
|---------------|--------------------|------------|
| S2-240815-08 | Clip spacer (50mm) | 15/08/2024 |

Test Results

| Specimen No. | Load Test | | Observation |
|--------------|-------------------|-------------------|-----------------|
| | Maximum Load (kN) | Maximum Load (kg) | |
| 1. | 3.58 | 365.06 | Sample deformed |

Remark: Test pictures are given in Annex A.



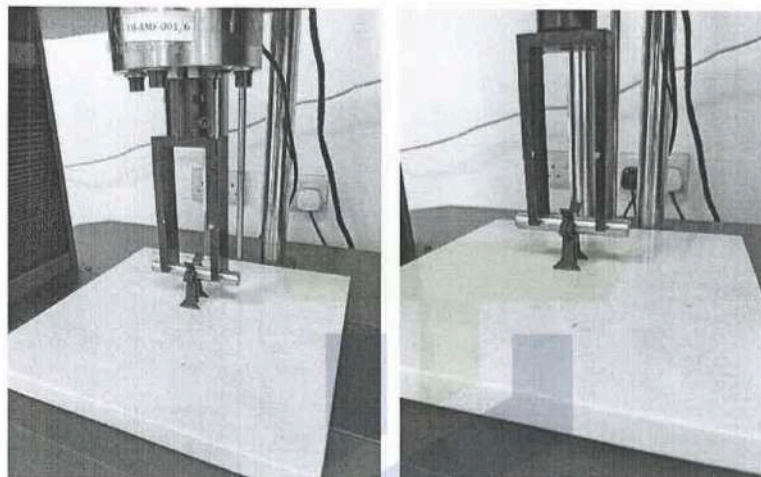
Signed for and on behalf of Testhub Laboratories LLC



Salman Faris T
 Laboratory Supervisor / Advanced Material Department

This report is produced, unless in its entirety, without written approval from Testhub Laboratories. The results relate only to the material product analyzed. The information's supplied by the customer can affect the validity of result.

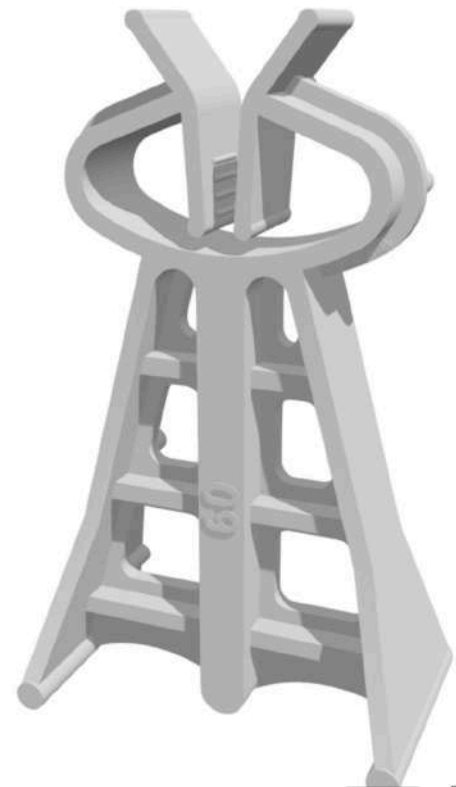
End of Report

ANNEX A
Sample pictures


PLASTIC CLIP SPACER 60mm

HEAVY-DUTY PLASTIC CLIP SPACER (SNAP CHAIR)

| | | | |
|--|--|---|---|
| GREEN BUILDING Recycled Material | EASY TO WORK No Binding Wiring | VERY LIGHT 10 times lighter than concrete spacers | CUT COST Save 30-70% compared to concrete spacers |
|--|--|---|---|



| | |
|--|-----------------------------|
| PRODUCT NAME | 60mm Clip Spacer |
| PRODUCT REFERENCE CODE | 60AHD |
| COVER HEIGHTS | 60 mm |
| REBAR DIAMETER | 6-18 mm (bar size #2 to #6) |
| SPACER WEIGHT | 14 grams |
| MATERIAL | Polypropylene (PP) |
| COLOR | Black |
| TEMPERATURE RESISTANCE | +120 °C |
| LOAD RESISTANCE | 300 kg |
| PACKING QUANTITY | 1000 pcs |
| BOX DIMENSION (H x W x D) | 45 x 60 x 40 cm |



INSTALLATION GUIDE



PRODUCED IN DUBAI FOR GCC



RECYCLED MATERIAL 100% RECYCLABLE

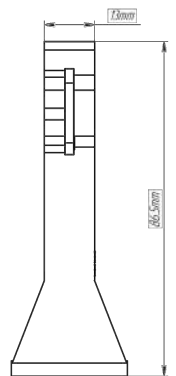
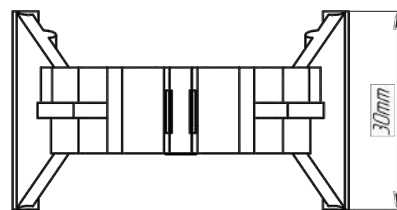
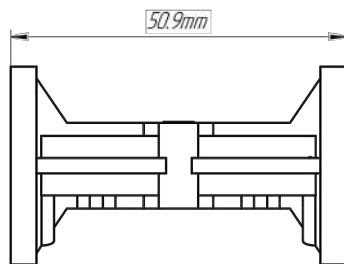
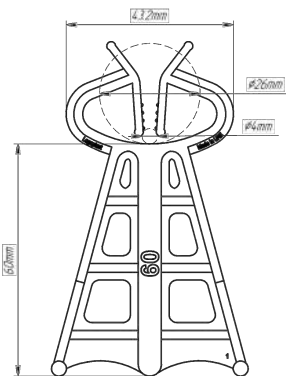


ISO 9001:2015 QMS
ISO 14001:2015 EMS
ISO 45001:2018 OHSMS



DESIGN

Fully compliant to CRSI Manual of Standard Practice (USA)
300% exceeds requirements of DIN1045 (Germany) for Class 2 Plastic Rebar Spacers



SPECIFICATION

| # | Parameter | Unit | Value |
|---|---------------------|------|-------|
| 1 | Concrete cover | mm | 60 |
| 2 | Bar size (diameter) | mm | 6-18 |
| 3 | Item weight | gm | 13 |
| 4 | Height | mm | 86.5 |
| 5 | Width | mm | 50.9 |
| 6 | Depth | mm | 30 |

PRODUCT DESCRIPTION

Heavy-duty plastic clip spacer (also named 'A' Shape Spacer) designed to accept bars from 6 to 18 mm. 300% exceeds requirements of German performance class L2. Fully compliant to CRSI Manual of Standard Practice (USA). Recommended installation at 50 to 100 cm intervals. The spacer can be used for various applications in pre-cast or insitu concrete.

FACTORY ADDRESS

Legoplast Plastic Manufacturing L.L.C, 68 Street, warehouse S02 near building 27, Jabal Ali Industrial First, Dubai, United Arab Emirates, Makani № 1157464307, Land DM № (Plot №) 599-1138

Note: This certify that the above item was tested and verified according to Legoplast Plastic Manufacturing L.L.C test procedure.

LABORATORY TEST REPORT

Issued To:
Legoplast Plastic Manufacturing L.L.C
PO Box:566481
Jebel Ali Industrial Area,
Dubai, United Arab Emirates.

Report No : R2-240815-09
Report Date : 15-08-2024
Request No : Q2 240815-02

Introduction: Further to the request received from Legoplast Plastic Manufacturing L.L.C, dated 15th Aug 2024, the sample of clip spacer was tested, and the results are as follows.

Sample Received Date : 15/08/2024
Date Tested : 20/08/2024
Tested By : 011
Test Method : TH-IP-AD-002

General Information

| Sample Number | Sample Description | Received |
|---------------|--------------------|------------|
| S2-240815-09 | Clip spacer (60mm) | 15/08/2024 |

Test Results

| Specimen No. | Load Test | | Observation |
|--------------|-------------------|-------------------|-----------------|
| | Maximum Load (kN) | Maximum Load (kg) | |
| 1. | 3.61 | 368.12 | Sample deformed |

Remark: Test pictures are given in Annex A.



Signed for and on behalf of Testhub Laboratories LLC



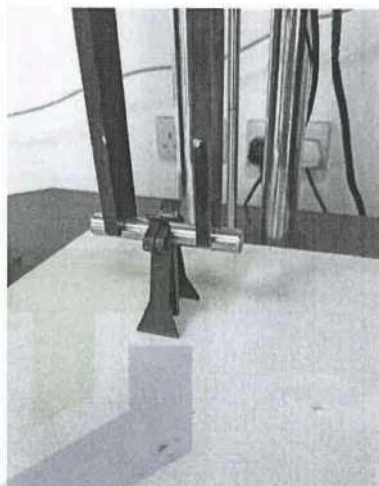
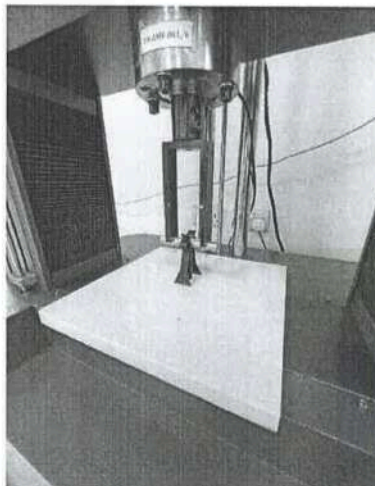
Salman Faris T
Laboratory Supervisor / Advanced Material Department

This report and the results produced, unless in its entirety, without written approval from Testhub Laboratories. The results relate only to the material or product analyzed. The information's supplied by the customer can affect the validity of result

End of Report

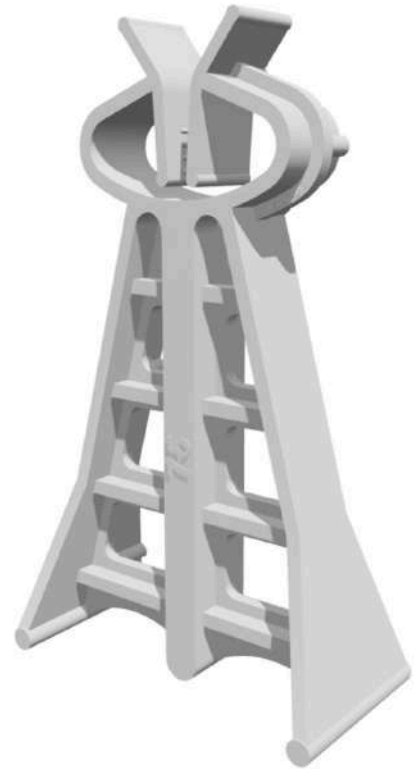
ANNEX A

Sample pictures



PLASTIC CLIP SPACER 75mm

HEAVY-DUTY PLASTIC CLIP SPACER (SNAP CHAIR)



| | | | |
|--|--|---|---|
| GREEN BUILDING Recycled Material | EASY TO WORK No Binding Wiring | VERY LIGHT 10 times lighter than concrete spacers | CUT COST Save 30-70% compared to concrete spacers |
|--|--|---|---|

| | |
|--|-----------------------------|
| PRODUCT NAME | 75 mm Clip Spacer |
| PRODUCT REFERENCE CODE | 75AHD |
| COVER HEIGHTS | 75 mm |
| REBAR DIAMETER | 6-18 mm (bar size #2 to #6) |
| SPACER WEIGHT | 17 grams |
| MATERIAL | Polypropylene (PP) |
| COLOR | Black |
| TEMPERATURE RESISTANCE | +120 °C |
| LOAD RESISTANCE | 300 kg |
| PACKING QUANTITY | 800 pcs |
| BOX DIMENSION (H x W x D) | 45 x 60 x 40 cm |



INSTALLATION GUIDE



PRODUCED IN DUBAI FOR GCC



RECYCLED MATERIAL
100% RECYCLABLE

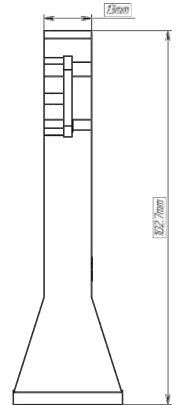
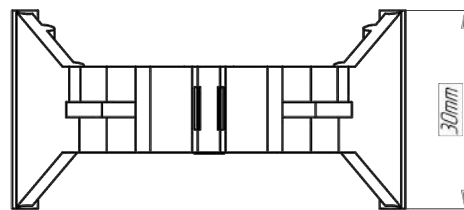
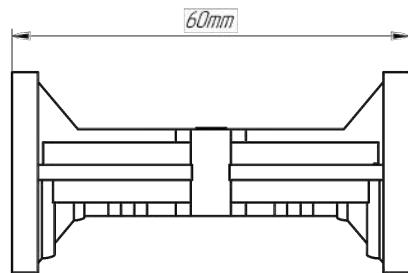
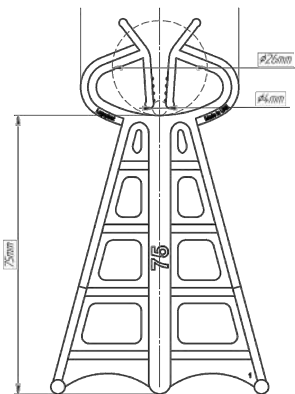


ISO 9001:2015 QMS
ISO 14001:2015 EMS
ISO 45001:2018 OHSMS



DESIGN

Fully compliant to CRSI Manual of Standard Practice (USA)
300% exceeds requirements of DIN1045 (Germany) for Class 2 Plastic Rebar Spacers



SPECIFICATION

| # | Parameter | Unit | Value |
|---|---------------------|------|-------|
| 1 | Concrete cover | mm | 75 |
| 2 | Bar size (diameter) | mm | 6-18 |
| 3 | Item weight | gm | 17 |
| 4 | Height | mm | 102.7 |
| 5 | Width | mm | 60 |
| 6 | Depth | mm | 30 |

PRODUCT DESCRIPTION

Heavy-duty plastic clip spacer (also named 'A' Shape Spacer) designed to accept bars from 6 to 18 mm. 300% exceeds requirements of German performance class L2. Fully compliant to CRSI Manual of Standard Practice (USA). Recommended installation at 50 to 100 cm intervals. The spacer can be used for various applications in pre-cast or insitu concrete.

FACTORY ADDRESS

Legoplast Plastic Manufacturing L.L.C, 68 Street, warehouse S02 near building 27, Jabal Ali Industrial First, Dubai, United Arab Emirates, Makani № 1157464307, Land DM № (Plot №) 599-1138

Note: This certify that the above item was tested and verified according to Legoplast Plastic Manufacturing L.L.C test procedure.

LABORATORY TEST REPORT

Issued To:
 Legoplast Plastic Manufacturing L.L.C
 PO Box:566481
 Jebel Ali Industrial Area,
 Dubai, United Arab Emirates.

Report No : R2-240815-10
 Report Date : 15-08-2024
 Request No : Q2-240815-02

Introduction: Further to the request received from **Legoplast Plastic Manufacturing L.L.C.** dated 15th Aug 2024, the sample of clip spacer was tested, and the results are as follows.

Sample Received Date : 15/08/2024
Date Tested : 20/08/2024
Tested By : 011
Test Method : TH-IP-AD-002

General Information

| Sample Number | Sample Description | Received |
|---------------|--------------------|------------|
| S2-240815-10 | Clip spacer (75mm) | 15/08/2024 |

Test Results

| Specimen No. | Load Test | | Observation |
|--------------|-------------------|-------------------|-----------------|
| | Maximum Load (kN) | Maximum Load (kg) | |
| 1. | 3.46 | 352.82 | Sample deformed |

Remark: Test pictures are given in Annex A.



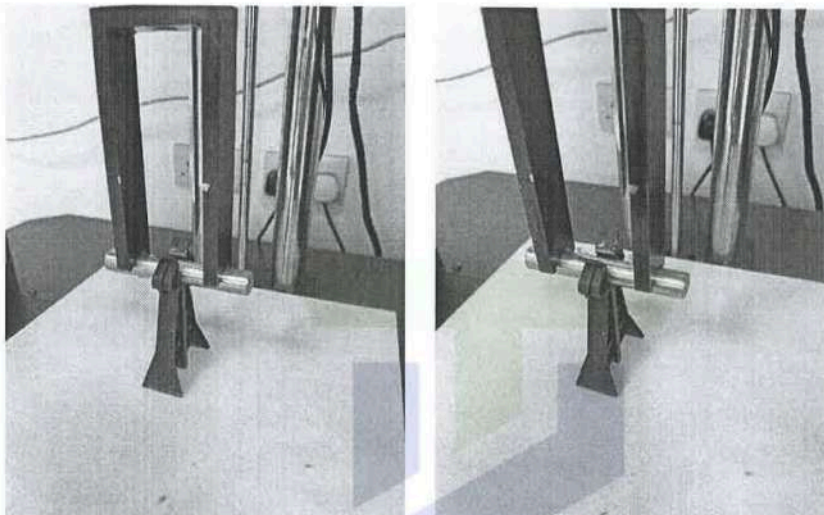
Signed for and on behalf of Testhub Laboratories LLC



Salman Faris T
 Laboratory Supervisor / Advanced Material Department

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End of Report

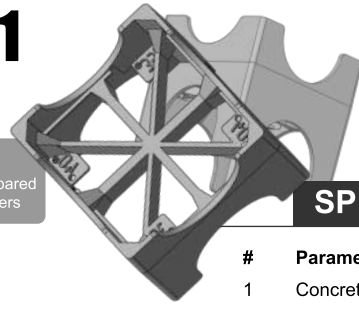
ANNEX A
Sample pictures


Product Overview

4-in-1 Heavy Duty Cover Blocks

PLASTIC REBAR SPACER TYPE 1

HEAVY DUTY 4-IN-1 COVER BLOCK (CHAIR)



- GREEN BUILDING**
Recycled Material
- EASY TO WORK**
No Binding Wiring
- VERY LIGHT**
5-10 times lighter than concrete spacers
- CUT COST**
Save 30-70% compared to concrete spacers

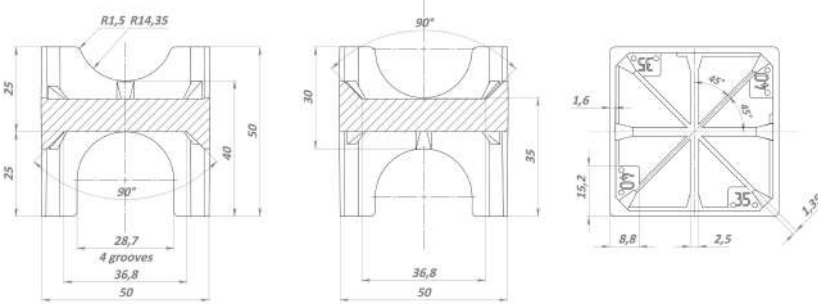
SPECIFICATION

| | |
|---|----------------------|
| PRODUCT NAME | Type 1 |
| PRODUCT REFERENCE CODE | 01-25/30/35/40 |
| COVER HEIGHTS | 25, 30, 35 and 40 mm |
| REBAR DIAMETER | 4-28 mm |
| DIMENSION (W x L x H) | 50 x 50 x 50 mm |
| CHAIR WEIGHT | 14 grams |
| MATERIAL | Polypropylene (PP) |
| COLOR | Black |
| TEMPERATURE RESISTANCE | +120 °C |
| LOAD RESISTANCE | 195.95 kg (1.92 kN) |
| LOAD TEST NUMBER (METS-IP-265) | MR-220324-023 |
| PACKING QUANTITY | 500 pcs |

| # | Parameter | Unit | Value |
|---|---------------------|------|--------|
| 1 | Concrete cover 1 | mm | 25 |
| 2 | Concrete cover 2 | mm | 30 |
| 3 | Concrete cover 3 | mm | 35 |
| 4 | Concrete cover 4 | mm | 40 |
| 5 | Bar size (diameter) | mm | 4 - 28 |
| 6 | Item weight | gm | 14 |
| 7 | Height | mm | 50 |
| 8 | Length | mm | 50 |
| 9 | Width | mm | 50 |

PRODUCT DESCRIPTION

Heavy-duty multifunctional rebar spacer designed to secure 25 mm, 30 mm, 35 mm and 40 mm protective layers, compatible with rebar diameter from 4 mm and up to 28 mm. Delivered in carton boxes, packing quantity is 500 pieces, weight of one box is 7 kg.



DESIGN Fully compliant to CRSI Manual of Standard Practice (USA)
92% exceeds requirements of DIN1045 (Germany) for Class 2 Plastic Rebar Spacers



TEST REPORT

Report No.: MR-220324-023

Report No.: MR-220324-023

Client / Establishment : M/s. Legoplast Plastic Manufacturing L.L.C
Tel: +97144471156 | P.O. Box 566481
Jebel Ali Industrial Area, 6B Street S02 Bldg 27
United Arab Emirates

Sample ID : MS-220324-025
Sample Receiving Date : 22/03/2024
Reporting Date : 27/03/2024
Date of Analysis : 22/03/2024-25/03/2024
Tested by : MK
Issue No : 01(Re-Issue Date: NA)

Sample Information:

Sample Description : Plastic

Test Results:

| Parameter | Test Method | Load Applied (kN) | Load Applied (kg) | Observation |
|-----------------|-------------|-------------------|-------------------|-----------------|
| Load Test @30mm | METS-IP-265 | 1.92 | 195.95 | Sample Deformed |
| Load Test @40mm | | 1.95 | 199.27 | Sample Deformed |

Note: No traceability details were provided by client.
Test Location: Ajman

Prepared by

Team Head
Material Science Division (MSD)
Employee Code: METS AJ EC 110

Verified by

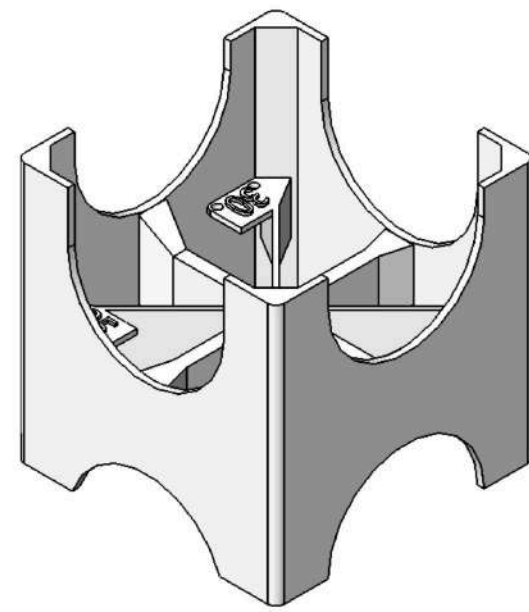
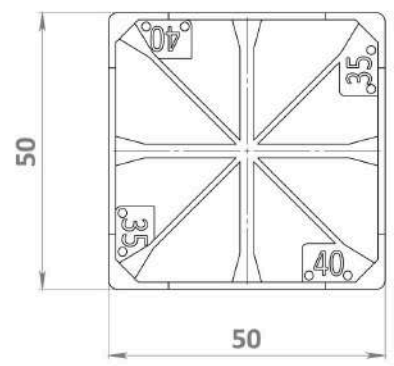
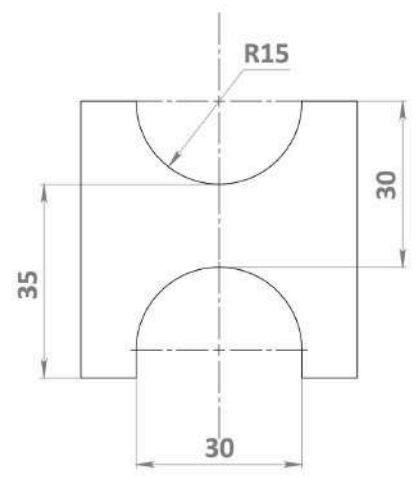
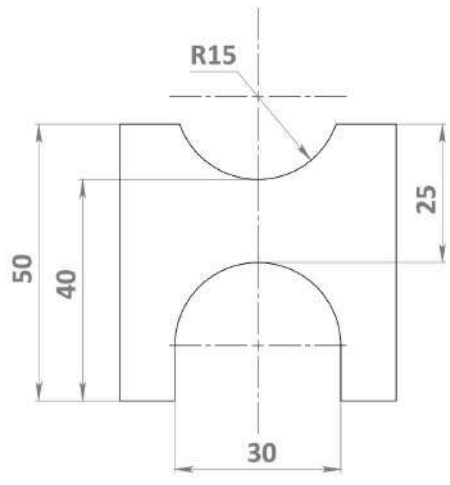
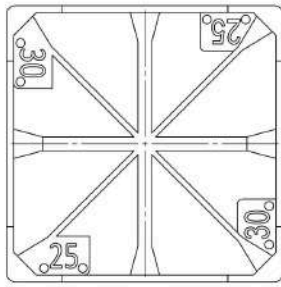
Assistant Laboratory Manager
Employee Code: METS AJ EC 103

The above test results are only applicable to the sample (s) referred above. This report shall not be reproduced except in full, without the written approval of METS laboratory.
For further clarification of reports, please contact qc@metslab.com

APPENDIX

Image of Tested Sample



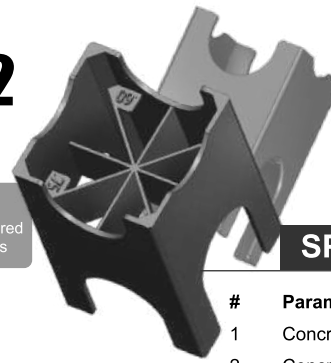


| | |
|--|--|
|  Legoplast Plastic Manufacturing L.L.C | Part No. 01-25/30/35/40 |
| | Material: Polypropylene (PP) |
| T1 Multi Cover Rebar Spacer | Details: Heavy duty rebar spacer for 25, 30, 35 and 40 mm concrete covers, rebar diameter 4-28 mm |

PLASTIC REBAR SPACER TYPE 2

HEAVY DUTY 4-IN-1 COVER BLOCK (CHAIR)

Product overview



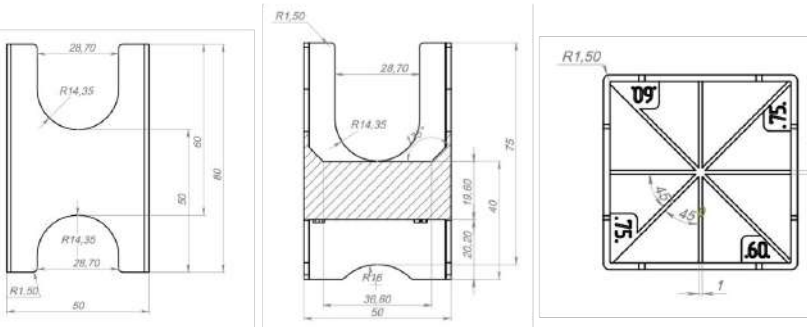
SPECIFICATION

| # | Parameter | Unit | Value |
|---|---------------------|------|--------|
| 1 | Concrete cover 1 | mm | 40 |
| 2 | Concrete cover 2 | mm | 50 |
| 3 | Concrete cover 3 | mm | 60 |
| 4 | Concrete cover 4 | mm | 75 |
| 5 | Bar size (diameter) | mm | 4 - 28 |
| 6 | Item weight | gm | 20 |
| 7 | Height | mm | 80 |
| 8 | Length | mm | 50 |
| 9 | Width | mm | 50 |

| | | | |
|--|--|---|---|
| GREEN BUILDING Recycled Material | EASY TO WORK No Binding Wiring | VERY LIGHT 5-10 times lighter than concrete spacers | CUT COST Save 30-70% compared to concrete spacers |
| PRODUCT NAME | Type 2 | | |
| PRODUCT REFERENCE CODE | 02-40/50/60/75 | | |
| COVER HEIGHTS | 40, 50, 60 and 75 mm | | |
| REBAR DIAMETER | 4-28 mm | | |
| DIMENSION (W x L x H) | 50 x 50 x 80 mm | | |
| CHAIR WEIGHT | 20 grams | | |
| MATERIAL | Polypropylene (PP) | | |
| COLOR | Black | | |
| TEMPERATURE RESISTANCE | +120 °C | | |
| LOAD RESISTANCE | 213.18 kg (2.09 kN) | | |
| LOAD TEST NUMBER (METS-IP-265) | MR-241123-007 | | |
| PACKING QUANTITY | 500 pcs | | |

PRODUCT DESCRIPTION

Heavy-duty multifunctional rebar spacer designed to secure 40 mm, 50 mm, 60 mm and 75 mm protective layers, compatible with rebar diameter from 4 mm and up to 28 mm. Delivered in carton boxes, packing quantity is 500 pieces, weight of one box is 10 kg.



DESIGN

Fully compliant to CRSI Manual of Standard Practice (USA)
110% exceeds requirements of DIN1045 (Germany) for Class 2 Plastic Rebar Spacers



ISO 9001:2015 QMS
ISO 14001:2015 EMS
ISO 45001:2018 OHSMS



TEST REPORT

Report No.: MR-241123-007

Client / Establishment : M/s. Legoplast Plastic Manufacturing L.L.C
Tel:+97144471156 | P.O. Box 566481 |
Jebel Ali Industrial Area, 66 Street 502 Bldg 27
United Arab Emirates

Sample ID : MS-241123-007
Sample Receiving Date : 24/11/2023
Reporting Date : 01/12/2023
Date of Analysis : 24/11/2023-30/11/2023
Tested by : RE
Issue No : 01(Re-Issue Date: NA)

Sample Information:
Sample Description : Model 2
Reference No. : 02-40/50/60/75

| Parameter | Test Method | Load Applied (kN) | Load Applied (kg) | Observation |
|----------------------------------|-------------|-------------------|-------------------|-----------------|
| Load Test (before heating 100°C) | METS-IP-265 | 2.09 | 213.16 | Sample Deformed |
| Load Test (After heating 100°C) | | 1.92 | 185.24 | Sample Deformed |

Note: No traceability details were provided by client.
Test Location: Ajman

Prepared by [Signature]
Chemist
Material Science Division (MSD)
Employee Code: METS AJ EC 220

Verified by [Signature]
Team Head
Material Science Division (MSD)
Employee Code: METS AJ EC 110

The above test results are only applicable to the sample (s) referred above. This report shall not be reproduced except in full, without the written approval of METS laboratory.
For further clarification of reports, please contact qc@metslab.com

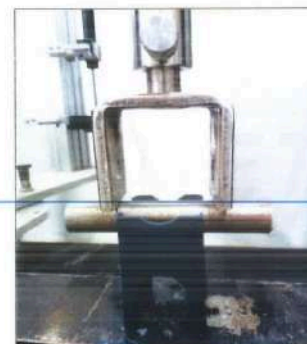
Page 1 of 2



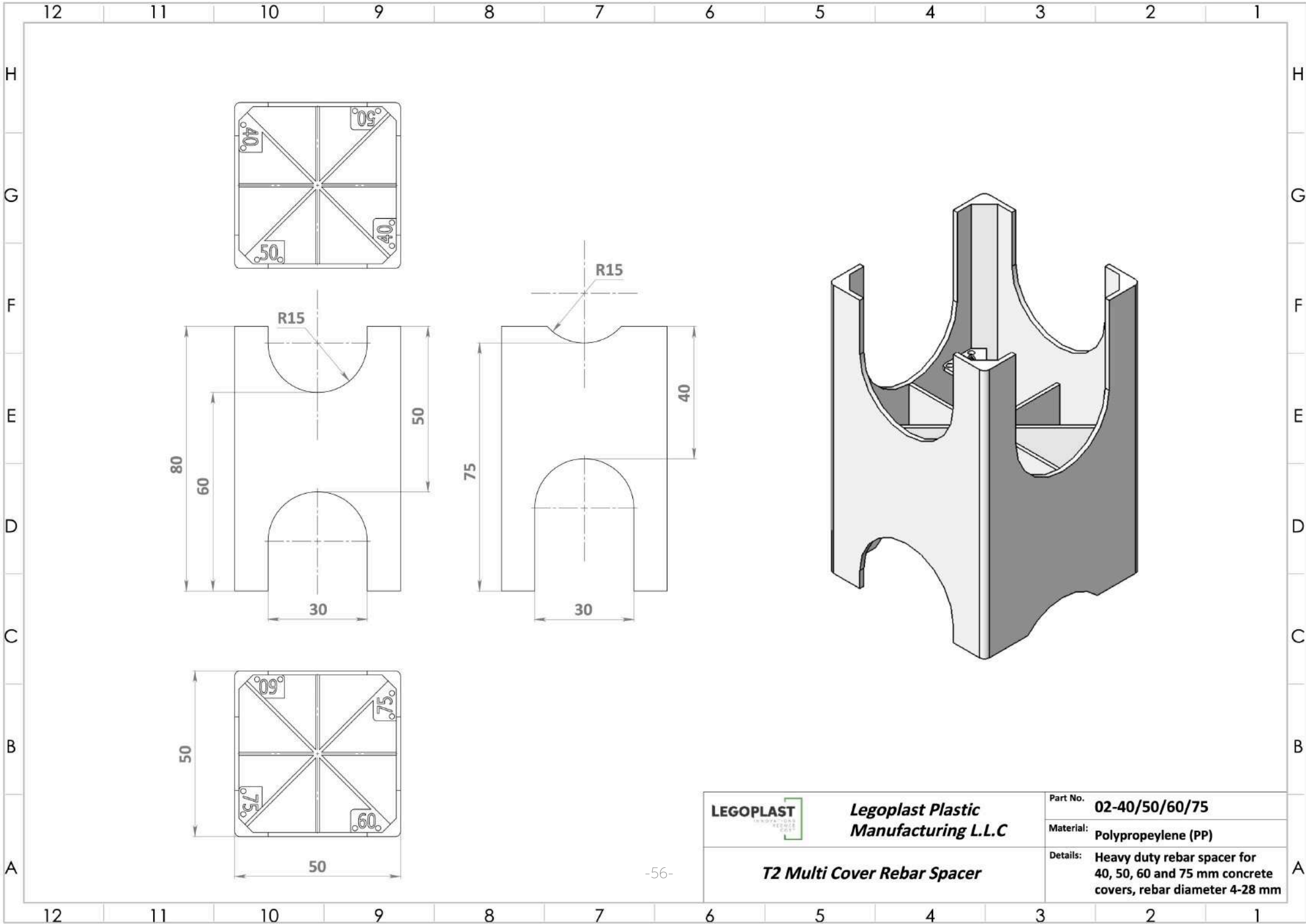
APPENDIX

Report No.: MR-241123-007

Image Of Tested Sample



Page 2 of 2



Industrial Licence



رخصة صناعية Industrial License

تفاصيل الرخصة / License Details

| | | |
|------------------|--|---|
| License No. | 1164023 | رقم الرخصة |
| Company Name | LEGOPLAST PLASTIC MANUFACTURING L.L.C | اسم الشركة ليجو بلاست لصناعة البلاستيك ش.ذ.م. |
| Business Name | LEGOPLAST PLASTIC MANUFACTURING L.L.C | الاسم التجاري ليجو بلاست لصناعة البلاستيك ش.ذ.م. |
| License Category | Dep. of Economic Development | فئة الرخصة دائرة التنمية الاقتصادية |
| Legal Type | Limited Liability Company - Single Owner(LLC - SO) | الشكل القانوني شركة ذات مسؤولية محدودة - الشخص الواحد (ذ.م.) |
| Expiry Date | 28/05/2027 | تاريخ الإصدار 29/05/2023 |
| D&B D-U-N-S * N | | رقم الرخصة الام 1164023 |
| Register No. | 2154514 | عضوية الغرفة 463307 |
| | تاريخ الإنتهاء | Issue Date |
| | الرقم العالمي | Main License No. |
| | رقم السجل التجاري | DCCI No. |

الاطراف / License Members

| Share / الحصص | Role / الصفة | Nationality / الجنسية | Name / الاسم | No. / رقم الشخص |
|---------------|----------------------------|-----------------------|--|-----------------|
| 100.00% | Shares Owner / مالك حصص | Grenada / جرينادا | ارتم ايجورفيش فيتيسوف ARTEM IGOREVICH FETISOV | 1661653 |
| | Manager / مدير | Grenada / جرينادا | ارتم ايجورفيش فيتيسوف ARTEM IGOREVICH FETISOV | 1661653 |

أنشطة الرخصة / License Activities

| Activity | Status | الحالة | النشاط |
|--|--------|--------|--------------------------------------|
| Plastic Bottles & Containers Manufacturing | Active | فعال | صناعة القوارير والعبوات البلاستيكية |
| Plastic Buckets & Pots Manufacturing | Active | فعال | صناعة الدلاء والاعوية البلاستيكية |
| Plastic Caps & Lids Manufacturing | Active | فعال | صناعة الاغطية البلاستيكية |
| Plastic Pipes & Fittings Manufacturing | Active | فعال | صناعة الأنابيب البلاستيكية ولوازمها |
| Building Plastic Requisites Manufacturing | Active | فعال | صناعة المستلزمات البلاستيكية للابنية |

Print Date 14/05/2026 11:16 تاريخ الطابعة

Receipt No.

رقم الإيصال



الإمارات
THE EMIRATES

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وثيقة إلكترونية معتمدة وصادرة بدون توقيع من دائرة الاقتصاد والسياحة في دبي. لمراجعة صحة البيانات الواردة في الرخصة يرجى مسح رمز التسجيل السريع.

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شهادة شهر قيد شركة في السجل التجاري Commercial Register

| | | تفاصيل القيد / Register Details | | |
|---------------|--|---------------------------------|---|----------------|
| Main Lic. Nr | 1164023 | رقم الرخصة الأم | Register No. | 2154514 |
| Business Name | LEGOPLAST PLASTIC MANUFACTURING LLC | | ليجو بلاست لصناعة البلاستيك ش.ذ.م.م | الاسم التجاري |
| Legal Type | Limited Liability Company - Single Owner(LLC - SO) | | شركة ذات مسؤولية محدودة - الشخص الواحد (ذ.م.م.) | الشكل القانوني |
| Expiry Date | 28/05/2027 | تاريخ الإنتهاء | Reg. Date | 29/05/2023 |
| | | | | تاريخ الإصدار |

D&B D-U-N-S * No.

الرقم العالمي

Nominated

الإسمى

Paid

200,000

المدفوع

No. of Shares

200

عدد الأسهم

Currency

UAE Dirhams

درهم إماراتي

العملة

تفاصيل رأس المال / Capital Details

عنوان الرخصة / License Address

مستودع رقم s02 ملك مؤسسة دبي العقارية - جبل علي الصناعية الاولى

عنوان السجل التجاري / Commerce Address

مستودع رقم s02 ملك مؤسسة دبي العقارية - جبل علي الصناعية الاولى

أنشطة السجل / Register Activities

Plastic Pipes & Fittings Manufacturing
Plastic Bottles & Containers Manufacturing
Plastic Buckets & Pots Manufacturing
Plastic Caps & Lids Manufacturing
Building Plastic Requisites Manufacturing

صناعة الأنابيب البلاستيكية ولوازمها
صناعة القوارير والعبوات البلاستيكية
صناعة الدلاء والاعوية البلاستيكية
صناعة الاغطية البلاستيكية
صناعة المستلزمات البلاستيكية للابنية

Print Date 14/05/2026

تاريخ الطباعة 11:16

Receipt No.

رقم الإيصال



الإمارات
THE EMIRATES

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VAT Certificate

الهيئة الاتحادية للضرائب
FEDERAL TAX AUTHORITY



شهادة التسجيل في ضريبة القيمة المضافة
أصدرت بموجب الصلاحية الممنوحة بموجب المادة (4) من المرسوم بقانون رقم (13) لسنة 2016 بشأن إنشاء الهيئة الاتحادية للضرائب

Certificate of Registration for Value Added Tax in the United Arab Emirates
Issued under the authority allocated by Art. 4 of the Federal Decree-Law No. 13 of 2016

The Federal Tax Authority certifies that the entity below is a registered person for Value Added Tax in the UAE
تشهد الهيئة الاتحادية للضرائب أن الجهة التالية مسجلة لضريبة القيمة المضافة في الإمارات العربية المتحدة

Tax Registration Number 104153825500003 رقم التسجيل الضريبي

Legal Name of Entity (Arabic) ليجو بلاست لصناعة البلاستيك ش.ذ.م.م الاسم القانوني للكيان (باللغة العربية)

Legal Name of Entity (English) LEGOPLAST PLASTIC MANUFACTURING L.L.C الاسم القانوني للكيان (باللغة الانجليزية)

The Registered Address and Contact Number warehouse S02 near building 2, 68 Street, Jabal Ali Industrial First, Jabal Ali Industrial First, 566481, Dubai +971585752309 العنوان المسجل ورقم التواصل

Effective Registration Date 01/12/2023 تاريخ التسجيل الفعلي

First VAT Return Period 01/12/2023 - 29/02/2024 فترة أول إقرار لضريبة القيمة المضافة

VAT Return due date 28/03/2024 تاريخ استحقاق الإقرار الضريبي لضريبة القيمة المضافة

Start and end dates of Tax periods 1st Mar to 31st May, 1st June to 31st Aug, 1st Sep to 30th Nov, 1st Dec to 29th Feb تواريخ بدء وانتهاء الفترات الضريبية

List of sole proprietorships/sole establishments and branches under the registered taxable person: قائمة الملكية الفردية/المؤسسات الفردية والفروع المندرجة ضمن التسجيل الضريبي:

| Legal Name | License Issuing Authority | License Number/رقم الرخصة | جهة الترخيص | الاسم القانوني |
|------------|---------------------------|---------------------------|-------------|----------------|
|------------|---------------------------|---------------------------|-------------|----------------|

يرجى التأكد من صحة تفاصيل الشهادة. يجب إبلاغ الهيئة الاتحادية للضرائب في حال تغيير الأسس التي حصلت فيها على رقم التسجيل الضريبي الخاص بك.*

*Please check that the details on this certificate are correct. You must inform the Federal Tax Authority of any change on the basis of which you obtained your Tax Registration Number.

Date of Issue 13/11/2023

تاريخ الاصدار



Version Number

2023/VAT/0000221039/001

رقم الإصدار

Mission, Vision and Values

Mission

We build a diverse and inclusive organization where every team member contributes their unique talents. We believe the right people deliver exceptional products. Our passion lies in uncovering and introducing innovative solutions that deliver immediate value and cost optimization for our customers. It's this synergy between our people and our products that sets us apart and fuels our commercial success.

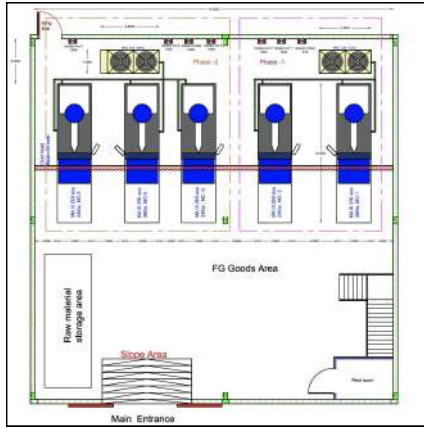
Vision

We envision a future built on cutting-edge, cost-effective, and sustainable products that empower our customers to optimize costs and streamline operations. Leveraging our multicultural expertise, we identify and introduce industry-defining trends that set the bar for the market.

Values

- Product and process excellence: We craft exceptional products through meticulous design and efficient manufacturing.
- Team credibility and professionalism: We foster a culture of integrity, collaboration, and expertise.
- Healthy and transparent business: We operate with open communication and ethical practices.
- Customer-centric growth: We believe that customer satisfaction and value creation fuel our sustainable growth.

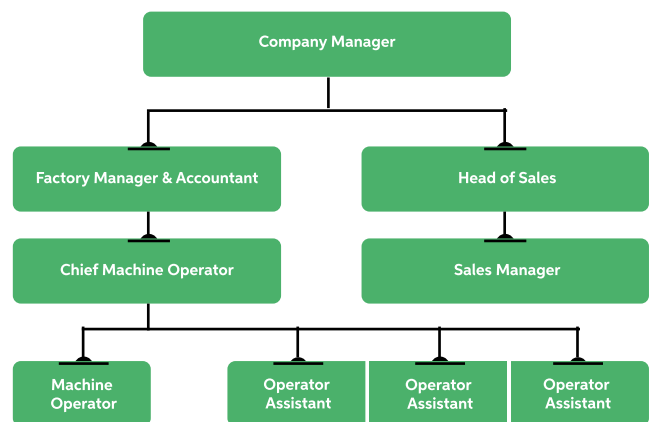
Production Facilities



Legoplast Plastic Manufacturing L.L.C facilities are located in Jabal Ali Industrial First area, Dubai, United Arab Emirates.

Legoplast Plastic Manufacturing L.L.C uses the injection molding process to produce plastic rebar chairs. The process involves melting plastic pellets and injecting them into a mold. The process is highly efficient and produces high-quality parts with zero waste, as the scrapped items and raw material offcuts are shredded and used again as recycled raw materials.

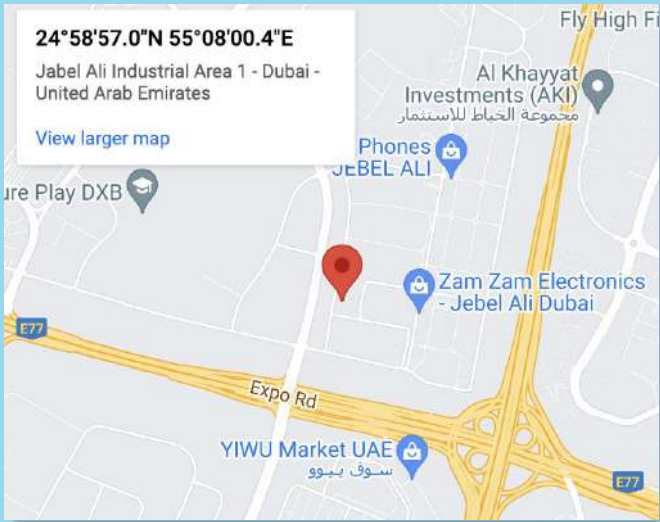
Legoplast Plastic Manufacturing L.L.C machinery fleet is based on Haitian MA2500III/1000eco injection moulding machines (China).



Legoplast Plastic Manufacturing L.L.C
 Industrial license number: 1164023
 TRN: 104153825500003

P.O.Box 566481, 68 Street, warehouse S02 near building 27,
 Jabal Ali Industrial First, Dubai, United Arab Emirates,
 Coordinates: 24.9825097, 55.1334443

+971 52 751 8790
 +971 58 515 6072
 +971 4 447 1156
 sales@legoplast.ae
 www.legoplast.ru



Contact us

+971 52 751 8790 | +971 58 515 6072 | +971 4 447 1156

sales@legoplast.ae | www.legoplast.ae



Legoplast Plastic Manufacturing L.L.C

Industrial license number: 1164023

TRN: 104153825500003

P.O.Box 566481, 68 Street, warehouse S02 near building 27,
Jabal Ali Industrial First, Dubai, United Arab Emirates,
Coordinates: 24.9825097, 55.1334443