

Type II Environmental Product Declaration (EPD)
for Polypropylene Rebar Spacers, Pile Cage Spacers and Leveling Shim Pads

1. Declaration

This Type II environmental self-declaration is prepared in accordance with ISO 14021:2016 Environmental labels and declarations - Self-declared environmental claims (Type II environmental labelling).

2. Organization

Company Name : Legoplast Plastic Manufacturing L.L.C
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3. Product Description

This declaration applies to polypropylene rebar spacers used in concrete construction to maintain a specific distance between reinforcing bars and the concrete formwork in construction of concrete slabs, columns, foundations, panels, bars, joists, beams, girders.

Plastic rebar spacers manufactured by Legoplast Plastic Manufacturing L.L.C are all-plastic bar supports designed and produced in compliance with as per Chapter 3 and 8 of CRSI Manual of Standard Practice, 30th edition.

Manufacturer’s reference codes for products are:

No	Product Name	Description	Reference code
1	CS12	12 mm Clip-on Spacer (plastic)	12AHD
2	CS16	16 mm Clip-on Spacer (plastic)	16AHD
3	CS20	20 mm Clip-on Spacer (plastic)	20AHD
4	CS25	25 mm Clip-on Spacer (plastic)	25AHD
5	CS30	30 mm Clip-on Spacer (plastic)	30AHD
6	CS40	40 mm Clip-on Spacer (plastic)	40AHD
7	CS50	50 mm Clip-on Spacer (plastic)	50AHD
8	CS60	60 mm Clip-on Spacer (plastic)	60AHD
9	CS75	75 mm Clip-on Spacer (plastic)	75AHD
10	OPS75	75 mm Open Pile Cage Spacer (plastic)	OPS75

11	CPS75	75 mm Closed Pile Cage Spacer (plastic)	CPS75
12	SH2	2 mm Leveling Shim Pad (plastic)	SH2
13	SH3	3 mm Leveling Shim Pad (plastic)	SH3
14	SH5	5 mm Leveling Shim Pad (plastic)	SH5
15	SH10	10 mm Leveling Shim Pad (plastic)	SH10
16	T1	Type 1 Multicover Rebar Spacer (Multi Cover Block) for covers 25 mm, 30 mm, 35 mm and 40 mm (plastic)	01-25/30/35/40
17	T2	Type 2 Multicover Rebar Spacer (Multi Cover Block) for covers 40 mm, 50 mm, 60 mm and 75 mm (plastic)	02-40/50/60/75

4. Material Composition

The primary material of Legoplast plastic rebar spacers, pile cage spacers and leveling shim pads is recycled polypropylene (PP).

CAS No. : 9003-07-0
 Hazardous properties : Non hazardous
 Packaging : Supplied in environmentally friendly and fully recyclable woven sandbags and carton boxes

5. Recycled content percentage

Recycled content percentage : 100% by product weight (post-consumer recycled content)
 [Note: Post-consumer is material that has been used and then recovered from the waste stream]

Calculation methodology : as per production technology (refer to Chapter 4 Material Composition), the plastic rebar spacers contain 100% recycled polypropylene content by product weight

6. Environmental Data

- Recyclable product : Polypropylene is 100% recyclable (resin identification code is 5)



- Recycle content : 100% by product weight
- Post-consumer material : yes
- Recovered material : yes, 100% of product produced from recovered [reclaimed] Polypropylene
- Waste reduction : yes
- Plastic rebar spacers are 100% recyclable and can be re-used in injection molding production after grinding in 0.5 cm particles by basic crusher device



**ENVIRONMENTAL PRODUCT DECLARATION (EPD)
for Polypropylene (PP) products of
Legoplast Plastic Manufacturing L.L.C**

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7. Additional Information

Using recycled Polypropylene reduces the demand for virgin materials and minimizes energy-intensive production processes. By choosing this product, customers contribute to a circular economy and promote sustainability.

8. Verification

- We adhere to ISO 14021:2016 guidelines for environmental labeling and declarations
- The environmental claims in this declaration are self-declared by Legoplast Plastic Manufacturing L.L.C
- This self-declaration has not been subjected to third-party verification

9. Contact

For any questions regarding this environmental self-declaration, please contact:

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10. Disclaimer

This declaration is based on information believed to be accurate and reliable at the time of publication. The document does not constitute any warranty or quality specification, either express or implied, including any warranty of merchantability or fitness for any particular purpose. Users shall determine whether the product is suitable for their use and can be used safely and legally. For specific warranty information, refer to the product documentation. In addition to any prohibitions of use specifically noted in this document, Legoplast Plastic Manufacturing L.L.C may further prohibit or restrict the sale of its products into certain applications. For further information, please contact Legoplast Plastic Manufacturing L.L.C.