



# DECLARATION OF PERFORMANCE

## MACROMESH<sup>®</sup> 54

- 1. Product Type:** **Macromesh<sup>®</sup> 54**  
Unique identification code of the product-type:
- 2. Type** batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4): 1328-CPR-0395
- 3. Intended use** or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Polymer Fibres (Poliiolefin-Polypropylene mixed with Polyethylene) for Structural Use in Concrete, Mortar & Grout**
- 4. Name**, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5): **Macromesh<sup>®</sup> 54**  
Exporplás - Indústria de Exportação de Plásticos, S.A.  
Rua dos Sobrais, no 89 3885-307  
Cortegaça OVR - Portugal (EU)
- 5. Contact Address:** **Not Relevant** (See 4)  
Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):
- 6. System or systems of assessment** and verification of constancy of performance of the construction product as set out in Annex V: **System 1**
- 7. Notified body (hEN):** **Certif - Associação para a Certificação performed Initial Type Testing in accordance with requirements of European Harmonised Standard TS EN 14889-2:2006, ASTM C1116, BBA 92.2830, CE.**  
In case of the declaration of performance (DoP) concerning a construction product covered by a harmonised standard:
- 8. Notified body (ETA):** **Not Relevant** (See 7)  
In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:





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### 9. Declared Performance:

Essential characteristics	Declared Performance	Harmonised Standard
<b>Class</b>	II	CE ISO 9001:2008 ASTM C-1116 TS EN 14899:2 2006 BBA 92.2830
<b>Length</b>	54.00 mm	
<b>Diameter</b>	0.48 mm > Diameter >0.30 mm	
<b>Polymer Type</b>	100% Virgin Polypropylene	
<b>Shape</b>	Twisted bundles, deformed	
<b>Tensile Strength</b>	555.7 - 750.3 N/mm <sup>2</sup>	
<b>Elastic Modulus</b>	6900 - 9100 N/mm <sup>2</sup>	
Consistence with 3.0 kg/m <sup>3</sup> fibres— <b>VEBE Time</b>	V3	
<b>Effect on Strength</b> in reference concrete	3.00 kg/m <sup>3</sup> to obtain 1.5 N/mm <sup>2</sup> @ CMOD = 0.5mm 1.0 N/mm <sup>2</sup> @ CMOD = 3.5mm	

### 10. Declaration:

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and behalf of the manufacturer by:



Director of Engineering

Cortegaça, PORTUGAL  
Jan 2019

