



# TECNO PIEMONTE

## PROVE E CERTIFICAZIONI

**ORGANISMO NOTIFICATO n° 1372**

*Sede legale:* Via C. Pizzorno, 12 - 28078 ROMAGNANO SESIA (NO) *Sede operativa:* Statale Valsesia, 20 - 13035 LENTA (VC)

### CERTIFICATE OF CONSTANCY OF PERFORMANCE 1372-CPR-2254

In accordance with EN 14889-2:2006, the tests for the assessment of the product performance were carried out under system of assessment and verification of constancy of performance 1, getting the performance reported below:

<b>MasterFiber 158 (POLYMER FIBER Class II)</b>		
<b>Essential Characteristics</b>	<b>Clauses EN 14889-2:2006</b>	<b>Declared values</b>
<b>GENERAL CHARACTERISTICS</b>		
Polymer type	Part 5.2.1	Polyolefin
Shape	Part 5.2.2	Elliptic straight fiber
Bundled polymer fibres	Part 5.2.3	-
Surface treatment or coating	Part 5.2.4	Embossment
<b>FIBER CHARACTERISTICS</b>		
Length	Part 5.3.2	60 mm
Equivalent diameter	Part 5.3.3	0.85 mm
Tensile strength	Part 5.4.2	400 MPa
Modulus of elasticity	Part 5.5	4.70 GPa
<b>EFFECT ON CONCRETE</b>		
Effect on consistence of concrete	Part 5.7	8 s
Effect on the strength of concrete	Part 5.8	6 kg/m <sup>3</sup>

Current issue: Lenta, 2021/01/15

Revision: 1 (underlined parts)



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### **CERTIFICATE OF CONSTANCY OF PERFORMANCE 1372-CPR-2254**

In compliance with Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction products Regulation or CPR), this certificate applies to the construction product:

Description: **Polymer fibres for concrete**

Trade name: **MasterFiber 158**

Intended use: **for structural uses in concrete, mortar or grout.**

placed on the market under the name:

**Master Builders Solutions Deutschland GmbH**

**Dr.-Albert-Frank-Str.32 – 83308 Trostberg - Germany**

and produced in the manufacturing plant:

**CODE 2090259**

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard:

**EN 14889-2:2006**

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the

**constancy of performance of the construction product.**

This certificate was first issued on **2016/05/16** and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body (Tecno Piemonte S.p.A.).

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Technical Director  
Dott. Ing. Raffaella Arrigoni