



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-3556

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 SPA**

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 **22/12/2023** 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body (Tecno Piemonte S.p.A.).

Current issue: Lenta, 22/12/2023

Revision: 0

Technical Director
Dott. Ing. Raffaella Arrighini



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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:

MasterFiber 158 (POLYMER FIBER Class II)		
Essential Characteristics	Clauses EN 14889-2:2006	Declared values
GENERAL CHARACTERISTICS		
Polymer type	Part 5.2.1	Polyolefin
Shape	Part 5.2.2	Elliptic straight fiber
Bundled polymer fibres	Part 5.2.3	Wrapped in PVA foil
Surface treatment or coating	Part 5.2.4	Embossment
FIBER CHARACTERISTICS		
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
EFFECT ON CONCRETE		
Effect on consistence of concrete	Part 5.7	8 s
Effect on the strength of concrete	Part 5.8	6 kg/m ³

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