



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-1762

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 249 (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 | - |
| Surface treatment or coating | Part 5.2.4 | Embossment |
| FIBER CHARACTERISTICS | | |
| Length | Part 5.3.2 | 48 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 | 7 s |
| Effect on the strength of concrete | Part 5.8 | 6 kg/m ³ |

Current issue: Lenta, 2021/01/15

Revision: 2 (underlined parts)



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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 249**

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 **2014/03/21** 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