

Declaration of Performance

No 0925-CPD- Fbn 75/2016 – 20230801

according Annex III of the regulation (EU) No 305/2011
amended by Commissions delegated Regulation (EU) No. 574/2014

1. Unique identification code of the product-type:

MasterFiber 246 SPA (Polymer fiber class II)

2. Intended use/es:

for structural uses in concrete, mortar or grout

3. Manufacturer:

Master Builders Solutions Deutschland GmbH, Dr.-Albert-Frank-Str. 32,
D-83308 Trostberg, Site I 65 I 862

4. System/s of assessment and verification of constancy of performance (AVCP):

System I

5. Harmonised standard:

EN 14889-2:2006-11

6. Notified laboratory/ies:

TECNOPROVE S.R.I. (0925)

7. Declared performance(s):

| Essential characteristics | Performance | System of assessment and verification of constancy of performance | Harmonised technical specification |
|--|-------------|---|------------------------------------|
| Polymer type | Polyolefin | System 1 | EN 14889-2:2006-11 |
| Density [kg/m ³] | 910 | | |
| Shape (longitudinal) | Crimped | | |
| Shape (cross-section) | Irregular | | |
| Eq. diameter [mm] | 0.75 | | |
| Fiber length [mm] | 40 | | |
| Aspect ratio | 53 | | |
| Tensile strength [MPa] | 448 | | |
| Modulus (secant) of elasticity [MPa] | 3640 | | |
| Effect on consistence of concrete fiber dosage in kg/m ³ , Vebe time in s with fibers | 3.3 9.6 | | |
| Effect on the strength of concrete [Fiber dosage in kg/m ³ fulfilling requirements] | 3.3 | | |
| Release of dangerous substances | NPD | | |

NPD: No Performance Determined

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Mannheim, 01.08.2023
Master Builders Solutions Deutschland GmbH

i.V. *Bokern*

Dr. Jürgen Bokern
Global Fiber & Sustainable Concrete
Manager

i.V. *Bayard*

Dr. Olivier Bayard
Global Marketing Manager









MFiber 246 SPA_20230801_DoP_final EN

Final Audit Report

2023-09-18

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|-----------------|---|
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