

Declaration of Performance

No 1301-CPR-2305-501SPA – 20240531

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 50I SPA (steel fiber group I)

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 400000585

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

System I

5. Harmonised standard:

EN 14889-1:2006-11

6. Notified laboratory/ies:

TECHNICKÝ A SKÚŠOBNÝ ÚSTAV STAVEBNÝ, n. o. (I301)

7. Declared performance(s):

| Essential characteristics | Performance | System of assessment and verification of constancy of performance | Harmonised technical specification |
|--|--------------------|---|------------------------------------|
| Material | Steel | System 1 | EN 14889-1:2006-11 |
| Density [kg/m ³] | 7810 | | |
| Shape (longitudinal) | Hooked end | | |
| Shape (cross-section) | Round | | |
| Eq. diameter [mm] | 0.55 | | |
| Fiber length [mm] | 40 | | |
| Aspect ratio | 73 | | |
| Tensile strength [MPa] | 1300 | | |
| Effect on consistence of concrete [Fiber dosage in kg/m ³ , Vebe time in s with fibers, Vebe time in s without fibers] | 25.0 8.0 6.0 | | |
| Effect on the strength of concrete [Fiber dosage in kg/m ³ fulfilling requirements] | 25.0 | | |
| 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, 31.05.2024
Master Builders Solutions Deutschland GmbH

i.V. 

Dr. Jürgen Bokern
Global Fiber & Sustainable Concrete
Manager

i.V. 

Dr. Olivier Bayard
Global Marketing Manager









MFiber 501 SPA_WL_20240531_DoP_final EN

Final Audit Report

2024-06-03

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