

## Declaration of Performance

No BC1-251-18264-0023-1400725 – 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 I5I 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 I400725

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:

Belgian Construction Certification Association (0749)

## 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 <sup>3</sup> ]	910		
Shape (longitudinal)	Straight		
Shape (cross-section)	Flat		
Eq. diameter [mm]	0.85		
Fiber length [mm]	50		
Aspect ratio	59		
Tensile strength [MPa]	490		
Modulus (secant) of elasticity [MPa]	7000		
Effect on consistence of concrete fiber dosage in kg/m <sup>3</sup> ,	4.0		
Vebe time in s with fibers	8.0		
Vebe time without fibers	6.0		
Effect on the strength of concrete [Fiber dosage in kg/m <sup>3</sup> fulfilling requirements]	4.0		
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, 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 151 SPA\_20230801\_DoP\_final EN

Final Audit Report

2023-09-18

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