

Declaration of Performance

No 1301-CPR-2460-501SPA – 20250603

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 501 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 400000585-1

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

System 1

5. Harmonised standard:

EN 14889-1:2006-11

6. Notified laboratory/ies:

TECHNICKÝ A SKÚŠOBNÝ ÚSTAV STAVEBNÝ, n. o. (1301)

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, 03.06.2025
Master Builders Solutions Deutschland GmbH

i.V. 

Dr. Jürgen Bokern
Global Fiber & Sustainable Concrete
Manager

i.V. 

Dr. Klaus Lorenz
Head of Global Development

