

BILSTEIN STEEL FIBER GmbH
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58119 Hagen

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Declaration of Performance No. 23/01
SB 60/70 - 2000

- | | |
|--|---|
| 1. Identification number of the product: | SB 60/70 – 2000 |
| 2. Intended use(s): | Straight, high strength steel fiber, made of quenched and tempered strip material to be used for load-bearing purposes in mortar and concrete |
| 3. Producer: | BILSTEIN STEEL FIBER GmbH
Im Weinhof 36
58119 Hagen |
| 4. System for evaluation and verification of the performance stability of the product: | System No. 1 |
| 5. Harmonized standard: | EN 14889-1, Group 2 |
| 6. Notified body: | Materials Testing Institute for the Building Industry, Braunschweig
ID no. 0761 |
| 7. Declared performance characteristics: | The specific properties according to product type are listed in Table 1. |

The performance of the products listed above and in Table 1 corresponds to the declared performance characteristics in point 7. The manufacturer named above is solely responsible for drawing up the performance declaration in accordance with Regulation (EU) No. 305/2011.

Signed for and on behalf of the manufacturer by:

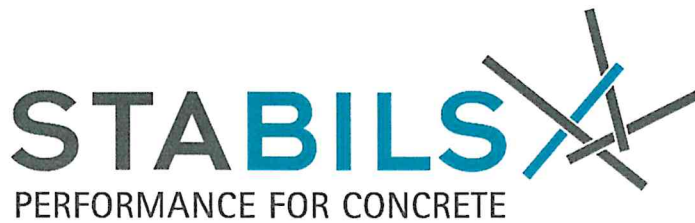
Ullrich

Prondzinski

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04.10.2023



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Supplement to item 7- Declared performance for the essential characteristics - see Table1.

Table 1

Performance characteristics

Product type	SB 60/70-2000
EC certificate of performance resistance, by notified body	0761-CPR-1250
Fiber length (mm)	60,0 (+/- 5%)
Form	Straight with anchor knots
Equivalent diameter (mm)	0,86 (+/- 5%)
Slenderness ratio (L/d)	70 (+/- 7,5%)
Tensile strength (R _m)	2.000 N/mm ²
Consistency with 15 kg/m ³ fiber:	Vebe test +1,7 sec
Effect on the strength of concrete	1,5 N/mm ² (Crack opening width 0,5 mm) 1,0 N/mm ² (Crack opening width 1,0 mm)
Release of dangerous substances	no
Young's modulus	210.000 MPa