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Declaration of Performance No. 24/01
SB 50/58 - 2000

- | | |
|--|---|
| 1. Identification number of the product: | SB 50/58 – 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

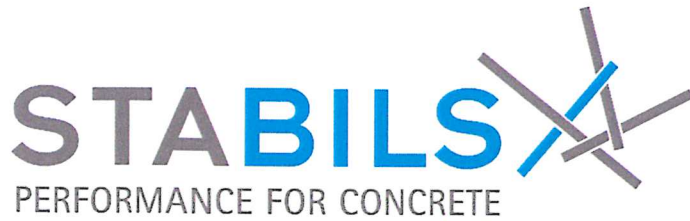
Ullrich

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16.07.2024



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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-1-1648-23-2.2 |
| 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 +1,2 sec |
| Effect on the strength of concrete | 1,9 N/mm ² (Crack opening width 0,5 mm) 1,3 N/mm ² (Crack opening width 1,0 mm) |
| Release of dangerous substances | none |
| Young's modulus | 210.000 MPa |