

DECLARATION OF PERFORMANCE

DoP-BS-002

for fischer FRS-CS (Product for non structural repair for concrete)

EN

1. Unique identification code of the product: **DoP-BS-002**
2. Intended use/es:
Applying mortar by hand (3.1)
Structural strengthening by adding mortar or concrete (4.4)
Increasing cover to reinforcement with additional cementitious mortar or concrete (7.1)

Replacing contaminated concrete (7.2)
3. Manufacturer: **fischerwerke GmbH & Co. KG, Klaus-Fischer-Str. 1, 72178 Waldachtal, Germany**
4. Authorised representative: **-**
5. System of assessment and verification of constancy of performance:
System 2+ (for uses in buildings and civil engineering works)
System 3 (for uses subject to reaction to fire regulations)
6. Harmonised standard: **EN 1504-3:2005**
 Notified body/ies: **0921 - Qualitätsgemeinschaft Deutsche Bauchemie e.V. (QDB)**
7. Declared performance/s:

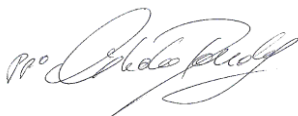
| Essential characteristics | Performance | System of assessment and verification of constancy of performance | Harmonised technical specification |
|--|-------------------------------------|---|------------------------------------|
| Compressive strength | Class R4 (≥ 45 MPa) | System 2+ | EN 1504-3:2005 |
| Chloride ion content | $\leq 0,05$ % | | |
| Adhesive bond | $\geq 2,0$ MPa | | |
| Carbonation resistance | NPD | | |
| Elastic modulus | 6,0 GPa | | |
| Thermal compatibility (Freeze-Thaw Resistance) | $\geq 2,0$ MPa | | |
| Skid Resistance | Class III (≥ 55 units, wet) | | |
| Coefficient of thermal expansion | $\leq 30 \cdot 10^{-6}$ 1/K | | |
| Capillary absorption | $\leq 0,5$ kg/(m ² · √h) | | |
| Reaction to fire | Class E | System 3 | |
| Dangerous substances | NPD (*) | System 2+ | |

(*) See material safety data sheet.

8. Appropriate Technical Documentation and/or Specific Technical Documentation: **-**

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:



Dr.-Ing. Ronald Mihala, Head of Development and Production Management
 Tümlingen, 2024-09-16



Jürgen Grün, Managing Director Chemistry & Quality

This DoP has been prepared in different languages. In case there is a dispute on the interpretation the English version shall always prevail.