

DECLARATION OF PERFORMANCE

DoP-BS-027

for fischer FRS-CS

EN

1. Unique identification code of the product: DoP-BS-027
2. Intended use/es:
Structural bonding product for bonded plate reinforcement
Structural bonding product for bonded mortar or concrete in construction
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 1504-4:2004
Notified body/ies: 0921 - Qualitätsgemeinschaft Deutsche Bauchemie e.V. (QDB)
7. Declared performance/s:

Essential characteristics: Structural bonding product for bonded plate reinforcement	Performance	System of assessment and verification of constancy of performance	Harmonised technical specification
Bond strength / Adhesion (EN 12188)	Pull of strength ≥ 14 N/mm ² Slant shear strength at: 50° ≥ 50 N/mm ² 60° ≥ 60 N/mm ² 70° ≥ 70 N/mm ²	System 2+	EN 1504-4:2004
Shear strength (EN 12188)	≥ 12 N/mm ²		
Shrinkage / Expansion	≤ 0,1 %		
Workability	40 min. (21 °C)		
Modulus of elasticity	≥ 2000 N/mm ²		
Coefficient of thermal expansion	≤ 100 * 10 ⁻⁶ 1/K		
Glass transition temperature	≥ 40 °C		
Reaction to fire	Class E	System 3	
Durability	Pass	System 2+	
Dangerous substances	NPD (*)		

(*) See material safety data sheet.

Essential characteristics: Structural bonding product for bonded mortar or concrete in construction	Performance	System of assessment and verification of constancy of performance	Harmonised technical specification
Bond strength / Adhesion (EN 12636)	Pass	System 2+	EN 1504-4:2004
Shear strength (EN 12615)	≥ 6 N/mm²		
Compressive strength	≥ 30 N/mm²		
Shrinkage / Expansion	≤ 0,1 %		
Workability	40 min. (21 °C)		
Water sensitivity	Pass		
Modulus of elasticity	≥ 2000 N/mm²		
Coefficient of thermal expansion	≤ 100 * 10 ⁻⁶ 1/K		
Glass transition temperature	≥ 40 °C		
Reaction to fire	Class E	System 3	
Durability	Pass	System 2+	
Dangerous substances	NPD (*)		

(*) 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



Dieter Pfaff, Head of International Production Federation and Quality Management

Tumlingen, 2025-09-02

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