

MC-BetoSolid SX

Reference number of the Declaration of Performance: CI4565070

1. Unique ID code of the product type	MC-BetoSolid SX
2. Application(s)	Structural bonding product for bonded mortar or concrete Principle 4 - Structural bonding Bonded mortar or concrete (4.4) Surface protection product coating Physical resistance (5.1)
3. Manufacturer	MC-Bauchemie Müller GmbH & Co. KG Am Kruppwald 1-8 46238 Bottrop / Germany
4. Authorized representative	MC-Bauchemie Müller GmbH & Co. KG Am Kruppwald 1-8 46238 Bottrop / Germany
5. System of AVCP	System 2+ (for uses in buildings and civil engineering works)
6. Harmonised standard	EN 1504-4: 2004 EN 1504-2: 2004
7. Notified body	Institut für Massivbau und Baustofftechnologie Universität Karlsruhe (TH) ID code 0754

8. Declared performances

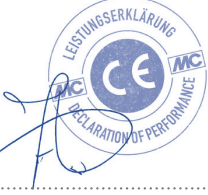
Essential characteristic	Performance	AVCP	harmonised technical specification
Compressive strength	$\geq 30 \text{ N/mm}^2$	$\geq 30 \text{ N/mm}^2$	EN 1504-4: 2004
Modulus of elasticity	$\geq 2,000 \text{ MPa}$		
Glass transition temperature	$> 40 \text{ }^\circ\text{C}$		
Working time	45 min by $20 \text{ }^\circ\text{C}$		
Coefficient of thermal expansion	$\leq 100 \times 10^{-6}$ per K		
Durability	passed		
Adhesion	passed		
Fire behaviour	E		
Wear resistance	$< 3000 \text{ mg}$	System 2+	EN 1504-2: 2004
Capillary water absorption	$< 0.1 \text{ kg/m}^2 \text{ h}^{0.5}$		
Impact strength	class I: $\geq 4 \text{ Nm}$		
Tear-off test to determine adhesive strength	$\geq 2.0 (1.5) \text{ N/mm}^2$		
Stability	$\leq 3 \text{ mm}$	$\leq 3 \text{ mm}$	DIN EN 15651-1: 2012
Loss of volume	$\leq 10 \%$		
Tensile behaviour for non-bearing sealants with high modulus	$\leq 0.9 \text{ MPa}$		
Tensile behaviour (i.e. under preload)	passed		
Tensile behaviour (i.e. elongation behaviour) after prestressing after immersion in water	passed		
Durability	passed		
Release of chemicals dangerous to the environment and health	passed		

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 (amended by Commissions delegated Regulation (EU) No 574/2014), under the soleresponsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

John van Diemen
Head of Research & Development and Quality

Bottrop, 13.10.2023
(place and date of issue)



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(signature)

Annex

According to Art. 6 (5) of the Regulation (EU) No. 305/2011 a Safety Data sheet according Regulation (EU) No. 1907/2006(REACH), Annex II is attached to this Declaration of Performance.