

DECLARATION OF PERFORMANCE

DE0272/03
04.01.2021

Unique identification code of the product-type:

MasterEmaco S 5440 RS (DE0272/03)

Intended use/es:

EN 1504-3 Methods 3.1/3.2/4.4/7.1/7.2

Cement based mortar (CC) for structural repair of concrete structures

Manufacturer:

Master Builders Solutions Deutschland GmbH, Donnerschweer Str. 372, D-26123 Oldenburg

System/s of AVCP:

System 2+, System 4 (Reaction to fire)

Harmonised standard / Notified body/ies:

EN 1504-3:2005

Qualitätsgemeinschaft Deutsche Bauchemie e.V. (NB 0921)

Declared performance/s:

Essential characteristics	Performance	System of assessment and verification of constancy of performance	Harmonised technical specification
Reaction to fire	Class A1	System 4	EN 1504-3:2005
Compressive strength	Class R4	System 2+	
Chloride ion content	≤ 0,05 %		
Adhesive bond	≥ 2,0 MPa		
Restrained shrinkage/expansion	NPD		
Carbonation resistance	Pass		
Elastic modulus	≥ 20 GPa		
Thermal compatibility Part 1: Freeze-thaw	≥ 2,0 MPa		
Skid resistance	NPD		
Coefficient of thermal expansion	NPD		
Capillary absorption	≤ 0,5 kg/m ² √h		
Dangerous substances	Comply with 5.4 (EN 1504-3)		

Specific Technical Documentation: SA-234/17
Performance without further testing: Reaction to fire: Class A1
Fulfilled requirements: Organic content: < 1 % in weight

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 Regulations (EU) No 305/2011 and No 574/2014, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:



Jürgen Baumann



Volker Schwarz