

DECLARATION OF PERFORMANCE

according Annex III of the regulation (EU) No 305/2011
amended by Commissions delegated Regulation (EU) No. 574/2014

For the product “**MasterTop TC 428**”

No. **342801**

1. Unique identification code of the product-type:

EN 1504-2

Surface protection products – Coating

EN 13813

Synthetic resin screed for internal uses

2. Intended use/es:

Synthetic resin screed for internal uses

A general purpose, non-solvented (total solid), 2K epoxy resin based primer

3. Manufacturer:

Master Builders Solutions Deutschland GmbH
Donnerschweer Strasse 372
D-26123 Oldenburg (Germany)

Master Builders Solutions España S.A.
Carretera del Mig 219, 08907 L'Hospitalet
de Llobregat
Barcelona (Spain)

4. System/s of assessment and verification of constancy of performance (AVCP):

EN 1504-2:

System 2+ (for uses in buildings and civil engineering works)

System 3 (for uses subject to reaction to fire regulations)

EN 13813:

System 4 (for internal uses)

System 3 (for uses subject to reaction to fire regulations)

5. Harmonised standard:

EN 1504-2:2004

EN 13813:2002

6. Notified body/ies:

Aenor
Génova 6
28004 Madrid
(CE identification number: 0099)

Reaction to fire:
TECNALIA Research & Innovation
(TAB)

7. Declared performances determined in System build-up MasterTop 1728, consisting of components: MasterTop TC 428 :

Declared performance/s: **EN 1504-2:**

Table 1: Performance in system MasterTop 1728

Essential characteristics	Performance	System of assessment and verification of constancy of performance	Harmonised Technical specification
Linear shrinkage	NPD	System 2+	EN 1504-2:2004
Compressive strength	NPD		
Coefficient of thermal expansion	NPD		
Abrasion resistance	< 3000 mg		
Cross cut	NPD		
Permeability to CO ₂	NPD		
Water vapour permeability	class I		
Capillary absorption and permeability to water	$w < 0,1 \text{ kg/m}^2 \times \text{h}^{0,5}$		
Thermal compatibility	NPD		
Resistance to thermal shock	NPD		
Chemical resistance	NPD		
Resistance to severe chemical attack	NPD		
Crack bridging ability	NPD		
Impact resistance	Class I		
Adhesion strength by pull off test	$\geq 1,5 \text{ N/mm}^2$		
Reaction to fire	Bfl-s1	System 3	
Skid resistance	NPD	System 2+	
Artificial weathering	NPD		
Antistatic behaviour	NPD		
Adhesion on wet concrete	NPD		
Release of dangerous substances	NPD		

EN 13813:

Table 2: Performance according to EN 13813

Essential characteristics	Performance	System of assessment and verification of constancy of performance	Harmonisierte technische Spezifikation
Reaction to fire	Bfl-s1	System 3	EN 13813:2002
Release of corrosive substances	SR	System 4	
Water permeability	NPD		
Wear resistance	≤ AR1		
Bond strength	≥ B1,5		
Impact resistance	≥ IR4		
Sound insulation	NPD		
Sound absorption	NPD		
Thermal resistance	NPD		
Chemical resistance	NPD		

NPD: No Performance Determined

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

Appropriate Technical Documentation to reaction to fire class Bfl-s1
 No. 056971-1-a, 056971-2-a

Fulfilled requirements: Bfl-s1
 Thickness max. of the flooring system: 3 mm

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:



Henrik Willem Vetter
 European Marketing Manager
 Performance Flooring

Oldenburg, 04.01.2021

Annex:

Technical data sheets for use in buildings (system build-ups according to respective technical data sheets)