

## DECLARATION OF PERFORMANCE

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

For the system "**MasterTop 1728 R**"

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**No 172802**

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Unique identification code of the product-type:

**EN 1504-2:2004 ZA.1f**

**EN 13813:2002 ZA.1.5**

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Intended use/es:

**EN 1504-2**

Surface protection products – Coating

**EN 13813**

Synthetic resin screed for internal uses

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Manufacturers:

**BASF Coatings GmbH**  
**Donnerschweer Strasse 372**  
**D-26123 Oldenburg (Germany)**

**BASF Construction Chemicals España, S.L.**  
**Carretera del Mig 219, 08907 L'Hospitalet de Llobregat**  
**Barcelona (Spain)**

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System/s of 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)

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Harmonised standard:

**EN 1504-2:2004**

**EN 13813:2002**

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Notified body/ies:

**Aenor**

**Génova 6**

**28004 Madrid**

**(CE identification number: 0099)**

Reaction to fire:  
**TECNALIA Research & Innovation**  
**(TAB)**

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

The product is used in surface protection system: **MasterTop 1728 R**  
 consisting of components: **MasterTop TC 428**

**Table 1: Performance in system MasterTop 1728 R**

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 <sub>2</sub>	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 attac	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	Harmonised technical specification
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

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

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:



Gwénaél Jan  
Technical Marketing and Services Manager  
Performance Flooring Europe

Holderbank, 26.10.2017

**Annex:**

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