

DECLARATION OF PERFORMANCE

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

No 238901

Unique identification code of the product-type: **MasterSeal Traffic 2389**

Intended use/es:

EN 1504-2

Surface protection products – Coating

EN 13813

Synthetic resin screed for internal uses

Manufacturer:

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

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)

Harmonised standard:

EN 1504-2:2004

EN 13813:2002

Notified body/ies:

Elletipi s.r.l.

I-44122 Ferrara

(CE identification number: 1308)

Reaction to fire:

Bodycote Warringtonfire

Cheshire WA1 2DS, UK

(CE identification number: 0833)

Declared performance/s:

EN 1504-2:

The surface protection system:

MasterSeal Traffic 2389

consisting of components:

Primer: MasterTop P 617 or MasterTop P 621

Membrane: MasterSeal M 689

Topcoats: MasterSeal TC 681

Table 1: Performance in system

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	weight loss < 3000 mg		
Cross cut	NPD		
Permeability to CO ₂	s _D > 50 m		
Water vapour permeability	class II		
Capillary absorption and permeability to water	w < 0,1 kg/m ² x h ^{0,5}		
Thermal compatibility	≥ 1,5 N/mm ²		
Resistance to thermal shock	NPD		
Chemical resistance	NPD		
Resistance to severe chemical attack	reduction in hardness < 50 %		
Crack bridging ability	B 4.2 (-20°C)		
Impact resistance	class III		
Adhesion strength by pull off test	≥ 1,5 N/mm ²		
Reaction to fire	Cfl-s1	System 3	
Skid resistance (by using MT Filler F5 as broadcasting sand plus topcoat layer)	TC 681: class III	System 2+	
Artificial weathering	Passed		
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	E _{fl}	System 4	EN 13813:2002
Release of corrosive substances	SR		
Water permeability	NPD		
Wear resistance	AR0,5		
Bond strength	≥ B1,5		
Impact resistance	≥ IR4		
Sound insulation	NPD		
Sound absorption	NPD		
Thermal resistance	NPD		
Chemical resistance	NPD		

Appropriate Technical Documentation to reaction to fire classes Cfl-s1

WF 181741 accor. EN ISO 11925-2
 WF 181741 accor. EN ISO 9239-1
 CR 183069 accor. EN ISO 13501-1 Cfl-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:



Klaus Claassen
 Product Manager Waterproofing Resins Europe

Oldenburg, 04.01.2021

Annex:

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