

DECLARATION OF PERFORMANCE

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

No 223101

Unique identification code of the product-type: **MasterSeal Traffic 2231**

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:

KIWA Polymer Institut
D-65439 Flörsheim-Wicker
(CE identification number: 1119)

Reaction to fire: **MPA Universität Stuttgart**
D-70569 Stuttgart
(CE identification number: 0672)

Declared performance/s:

EN 1504-2:

The product is used in surface protection system:
MasterSeal Traffic 2231

consisting of components:
 MasterTop P 622
 MasterSeal TC 374

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 III		
Capillary absorption and permeability to water	w < 0,1 kg/m ² x h ^{0,5}		
Thermal compatibility	≥ 2.0 N/mm ²		
Resistance to thermal shock	NPD		
Chemical resistance	Test liquids groups 1,3,10 passed		
Resistance to severe chemical attac	reduction in hardness < 50 %		
Crack bridging ability	NPD		
Impact resistance	class I		
Adhesion strength by pull off test	≥ 2.0 N/mm ²		
Reaction to fire	Bfl-s1	System 3	
Skid resistance	class III	System 2+	
Artificial weathering	NPD		
Antistatic behaviour	NPD		
Adhesion on wet concrete	NPD		
Release of dangerous substances	Does not contain any		

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	≤ AR1		
Bond strength	≥ B1,5		
Impact resistance	≥ IR4		
Slip resistance	Class III		
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

TR 903-8487-000-60 accor. EN ISO 11925-2

TR 903-8487-000-70 accor. EN ISO 9239-1

CR 903-8487-000-80 accor. EN ISO 13501-1 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:



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)