

DECLARATION OF PERFORMANCE

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

No 177001

Unique identification code of the product-type: **MasterSeal P 770**

Intended use/es: **EN 1504-2**
Concrete protection and repair products

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)

Harmonised standard: EN 1504-2:2004

Notified body/ies:

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

LGAI Technological Center S.A.
E-08193 Bellaterra (Barcelona)
(CE identification number: 0370)

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

The product **MasterSeal P 770** is used in surface protection system:

MasterSeal 7000 CR

consisting of components:
MasterSeal P 770
MasterSeal M 790

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	≥ 1,5 N/mm ² passed		
Resistance to thermal shock	NPD		
Chemical resistance	NPD		
Resistance to severe chemical attack Class I: 4a,6a,9a,13,15 Class III:1,2,3,4,5,5a,6,7,9,10,11,12,14,15a	reduction in hardness < 50 %		
Crack bridging ability	A3 (23°C), A2 (-10°C) B3.1 (23°C), B2 (-10°C)		
Impact resistance	class III		
Adhesion strength by pull off test	≥ 1,5 N/mm ²		
Reaction to fire	Class E	System 3	
Skid resistance	NPD	System 2+	
Artificial weathering	Passed		
Antistatic behaviour	NPD		
Adhesion on wet concrete	2.2 N/mm ²		
Release of dangerous substances	Comply with 5.3 (EN 1504-2)		

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)