

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)