

**Declaration of performance
No. 00271**

1. Unique identification code of the product-type:
MasterSeal M 391 (No. 00271)
2. Intended use or uses:
**EN 1504-2:2004 ZA.1d, ZA.1e, ZA.1f
Surface protection systems for concrete: Coating (C)**
3. Manufacturer:
**BASF Construction Chemicals España, S.L.
Carretera del Mig 219, 08907 L'Hospitalet de Llobregat
Barcelona (Spain)**
4. System/s of AVCP:
**EN 1504-2:2004
System 2+: for uses in buildings and civil engineering works**
5. Harmonised standard / notified body/ies:
**Aenor
Génova 6
28004 Madrid
(CE identification number: 0099),**

performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control under system 2+ and issued: 0099/CPR/B15/0044 Certificate of conformity of the factory production control

6. Declared performance(s): MasterSeal M 391

Essential characteristics	Performances	Harmonised technical specification
Linear shrinkage	NPD	EN 1504-2:2004
Coefficient of thermal expansion	NPD	
Cross cut	NPD	
Capillary absorption and water permeability	< 0,1 kg/m ² .h ^{0,5}	
Water vapour permeability	class II	
Permeability to CO ₂	Sd > 50 m	
Adhesion after thermal compatibility: - freeze-thaw cycling with de-icing salt immersion	NPD	

Essential characteristics	Performances	Harmonised technical specification
Adhesion after thermal compatibility: - thunder shower cycling (thermal shock)	NPD	
Adhesion after thermal compatibility: Aging 7 days at 70°C	NPD	
Resistance to thermal shock	NPD	
Crack bridging ability (7 days at 70°C for reactive resin systems)	NPD	
Crack bridging ability (UV radiation and humidity for dispersion systems)	NPD	
Adhesion strength by pull-off test	> 3,0 N/mm ²	
Slip / skid resistance	NPD	
Behaviour after artificial weathering	NPD	
Antistatic behaviour	NPD	
Adhesion on wet concrete	NPD	
Compressive strength	NPD	
Abrasion resistance	Mass loss < 100 mg	
Impact resistance	class II	
Resistance to severe chemical attack (reduction in hardness < 50%)	Group 4: class II Group 5a: class II Group 9: class II Group 10: class II Group 11: class II Group 12: class II Group 13: class I	
Diffusion of chloride ions	NPD	
Reaction to fire	class F	
Dangerous substances	see MSDS for more information	

NPD = no performance determined

The performance of the product identified above is in conformity with the set of declared performance/s.
The declaration of performance is issued, in accordance with Regulations (EU) No. 305/2011 and No. 574/2014 under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:
BASF Construction Chemicals España, S.L.



Eduardo Brandao
Market Manager Construction Chemicals Iberia

L'Hospitalet de Llobregat, 31-10-2017