

## Declaration of performance: No. CPR-IT1/0214

1. Unique identification code of the product-type: **MAPELASTIC SMART**
2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4) of the CPR

**SURFACE PROTECTION TWO-COMPONENT CEMENTITIOUS PRODUCT-COATING**

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

**Coating for intended use in concrete surface protection by protection against ingress; moisture control and increasing resistivity methods**

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5): **MAPEI S.p.A. – Via Cafiero, 22 – Milano (Italy) www.mapei.it**
5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2): **Not applicable**
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 2+**  
**System 3 for reaction to fire**
7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

**The notified body ICMQ S.p.A., No. 1305, 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 the certificates of conformity of the factory production control No. 1305-CPD-0615 and 1305-CPD-0616.**

**The notified testing laboratory MPA Dresden GmbH, No. 0767, performed the determination of the class of reaction to fire on samples taken by the manufacturer, under system 3, and issued the report No. 2008-B-1654/09.**

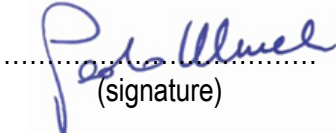
8. In the case the declaration of performance concerning a construction product for which a European Technical assessment has been issued: **Not applicable**
9. Declared performance:

Essential characteristics	Performance	Harmonised technical specification
<b>Permeability to CO<sub>2</sub>:</b> <b>Water vapour permeability:</b> <b>Capillary absorption and permeability to water:</b> <b>Thermal compatibility:</b> <b>- Freeze-Thaw cycling:</b> <b>- Thunder shower:</b> <b>Crack-bridging ability:</b> <b>Adhesion strength by pull-off test:</b> <b>Reaction to fire:</b> <b>Dangerous substances:</b>	<b>s<sub>D</sub> &gt; 50 m</b> <b>Class I</b> <b>&lt; 0,1 kg*m<sup>-2</sup>*h<sup>-0,5</sup></b>  <b>≥ 0,8 N/mm<sup>2</sup></b> <b>≥ 0,8 N/mm<sup>2</sup></b> <b>Class A5 (+20°C)</b> <b>≥ 0,8 N/mm<sup>2</sup></b> <b>Class E</b> <b>see SDS</b>	<b>EN 1504-2:2004</b>



10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.  
This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by: **Paolo Murelli – Corporate Quality Management**  
(name and function)

**Milan, 01/03/2014**  
(place and date of issue)

  
.....  
(signature)

# CE MARKING according to CPR 305/2011 and EN 1504-2:2004

 1305, 0767	 Via Cafiero, 22 – 20158 Milano (Italy) www.mapei.it																				
<p><b>08</b> <b>CPR-IT1/0214</b> <b>EN 1504-2:2004</b> <b>MAPELASTIC SMART</b> <i>Coating for intended use in concrete surface protection by protection against ingress; moisture control and increasing resistivity methods</i></p> <table><tr><td>Permeability to CO<sub>2</sub>:</td><td>s<sub>D</sub> &gt; 50 m</td></tr><tr><td>Water vapour permeability:</td><td>Class I</td></tr><tr><td>Capillary absorption and permeability to water:</td><td>&lt; 0,1 kg*m<sup>-2</sup>*h<sup>-0,5</sup></td></tr><tr><td>Thermal compatibility:</td><td></td></tr><tr><td>- Freeze-Thaw cycling:</td><td>≥ 0,8 N/mm<sup>2</sup></td></tr><tr><td>- Thunder Shower:</td><td>≥ 0,8 N/mm<sup>2</sup></td></tr><tr><td>Crack-bridging ability:</td><td>Class A5 (+20°C)</td></tr><tr><td>Adhesion strength by pull-off test:</td><td>≥ 0,8 N/mm<sup>2</sup></td></tr><tr><td>Reaction to fire:</td><td>Class E</td></tr><tr><td>Dangerous substances:</td><td>see SDS</td></tr></table>		Permeability to CO <sub>2</sub> :	s <sub>D</sub> > 50 m	Water vapour permeability:	Class I	Capillary absorption and permeability to water:	< 0,1 kg*m <sup>-2</sup> *h <sup>-0,5</sup>	Thermal compatibility:		- Freeze-Thaw cycling:	≥ 0,8 N/mm <sup>2</sup>	- Thunder Shower:	≥ 0,8 N/mm <sup>2</sup>	Crack-bridging ability:	Class A5 (+20°C)	Adhesion strength by pull-off test:	≥ 0,8 N/mm <sup>2</sup>	Reaction to fire:	Class E	Dangerous substances:	see SDS
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