

## Declaration of performance: No. **CPR-NO1/0058**

1. Unique identification code of the product-type: **MAPEPOXY LR**
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: **TWO-COMPONENT STRUCTURAL BONDING EPOXY RESIN**
3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **for intended use as 4.3 Structural bonding products for bonded plate reinforcement and 4.4 Structural bonding products for bonded mortar or concrete**
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5): **MAPEI AS – Vallsetvegen 6 – 2120 Sagstua (Norway) [www.mapei.no](http://www.mapei.no)**
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 Sintef Building and Infrastructure No. 1071, 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. 1071- CPD – 1682.**  
**The notified testing laboratory MPA Dresden GmbH N. 0767, performed the determination of the class of reaction to fire on samples taken by the manufacturer, under system 3, and issued the report N. 2012-B-3319/04.**
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:

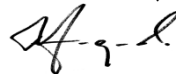
Essential characteristics	Performance	Harmonised technical specification
<b>Bond/adhesion strength</b>  <b>Shear strength</b> <b>Workability</b>  <b>Shrinkage/expansion</b> <b>Modulus of elasticity</b> <b>Coefficient of thermal expansion</b> <b>Glass transition temperature</b> <b>Reaction to fire</b> <b>Durability</b> <b>Dangerous substances</b>	<b>Pull out strength &gt; 14 N/mm<sup>2</sup></b> <b>Slant shear strength at:</b> <b>50 ° &gt; 50 N/mm<sup>2</sup></b> <b>60 ° &gt; 60 N/mm<sup>2</sup></b> <b>70 ° &gt; 70 N/mm<sup>2</sup></b> <b>&gt; 12 N/mm<sup>2</sup></b> <b>+ 5 °C = 310 min</b> <b>+ 20 °C = 85 min</b> <b>+ 30 °C = 51 min</b>  <b>&lt; 0.1 %</b> <b>&gt; 2 000 N/mm<sup>2</sup></b> <b>&lt; 100*10<sup>-6</sup> per K</b> <b>&gt; 40 °C</b>  <b>B<sub>fi</sub>-S1</b> <b>Pass</b> <b>NPD</b>	<b>EN 1504-4:2004</b>

<p>Bond/adhesion strength  Shear strength  Compressive strength  Shrinkage/expansion  Workability</p> <p>Sensitivity to water  Modulus of elasticity  Coefficient of thermal expansion  Glass transition temperature  Reaction to fire  Durability  Dangerous substances</p>	<p>Pass  &gt; 6 N/mm<sup>2</sup>  &gt; 30 N/mm<sup>2</sup>  &lt; 0.1 %  + 5 °C = 310 min  + 20 °C = 85 min  + 30 °C = 51 min</p> <p>Pass  &gt; 2 000 N/mm<sup>2</sup>  &lt; 100*10<sup>-6</sup> per K  &gt; 40 °C  B<sub>fl</sub>-s1  Pass  NPD</p>	<p>EN 1504-4:2004</p>
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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: **Trond Hagerud – Managing Director**  
(name and function)



.....  
(signature)

**Sagstua, 01/07/2013**  
(place and date of issue)

# CE MARKING according to CPR 305/2011 and EN 1504-4:2004

 <b>1071 0767</b>	 <b>MAPEI</b> Vallsetvegen 6, 2120 Sagstua (Norway) www.mapei.no
<b>13</b> <b>CPR-NO1/0058</b> <b>EN 1504-4:2004</b> <b>MAPEPOXY LR</b>	
<b>4.3 Structural bonding products for bonded plate reinforcement</b>	
Bond/adhesion strength	Pull out strength > 14 N/mm <sup>2</sup> Slant shear strength at: 50 ° > 50 N/mm <sup>2</sup> 60 ° > 60 N/mm <sup>2</sup> 70 ° > 70 N/mm <sup>2</sup>
Shear strength	> 12 N/mm <sup>2</sup>
Workability	+ 5 °C = 310min + 20 °C = 85 min + 30 °C = 51 min
Shrinkage/expansion	< 0.1 %
Modulus of elasticity	> 2 000 N/mm <sup>2</sup>
Coefficient of thermal expansion	< 100*10 <sup>-6</sup> per K
Glass transition temperature	> 40 °C
Reaction to fire	B <sub>fl</sub> -s1
Durability	Pass
Dangerous substances	NPD
<b>4.4 Structural bonding products for bonded mortar or concrete</b>	
Bond/adhesion strength	Pass
Shear strength	> 6 N/mm <sup>2</sup>
Compressive strength	> 30 N/mm <sup>2</sup>
Shrinkage/expansion	< 0.1 %
Workability	+ 5 °C = 310 min + 20 °C = 85 min + 30 °C = 52 min
Sensitivity to water	Pass
Modulus of elasticity	> 2 000 N/mm <sup>2</sup>
Coefficient of thermal expansion	< 100*10 <sup>-6</sup> per K
Glass transition temperature	> 40 °C
Reaction to fire	B <sub>fl</sub> -s1
Durability	Pass
Dangerous substances	NPD