

DECLARATION OF PERFORMANCE N. CPR-IT1/0008

- 1) Unique identification code of the product-type: **ADESILEX PG1 RAPIDO**
- 2) Intended uses: **Two-component epoxy resin for structural bonding in bonded plate reinforcement and bonded mortar or concrete for strengthening an existing concrete structure in building and civil engineering works**
- 3) Manufacturer: **MAPEI S.p.A. – Via Cafiero, 22 – 20158 Milan – Italy - www.mapei.it**
- 4) Systems of AVCP: **System 2+**
System 3 (for reaction to fire)
- 5) Harmonized standards: **EN 1504-4 :2004**

Notified bodies: **ICMQ SpA, N. 1305.**

CSI SpA, N. 0497

- 6) Performances declared:

Essential characteristics	Performances
Bond/adhesion strength:	
- for plate	Pull off strength ≥ 14 N/mm²
	Slant shear strength at degree
	50° $\sigma_0 \geq 50$ N/mm²
	60° $\sigma_0 \geq 60$ N/mm²
	70° $\sigma_0 \geq 70$ N/mm²
- for mortar/concrete	Pass (hardened concrete)
Shear strength:	
- for plate	≥ 12 N/mm²
- for mortar/concrete	≥ 6 N/mm²
Compressive strength (for mortar/concrete)	≥ 30 N/mm²
Shrinkage/expansion	$\leq 0,1\%$
Workability	10 min at 23°C
Sensitivity to water (for mortar/concrete)	Pass (hardened concrete)
Modulus of elasticity	≥ 2000 N/mm²
Coefficient of thermal expansion	$\leq 100 \times 10^{-6}$ K⁻¹
Glass transition temperature	$\geq 40^\circ$ C
Reaction to fire	Class C-s2, d0/ B_{FL}-s1
Durability	Pass (on plate, hardened concrete)
Dangerous substances:	NPD

The performance of the product identified above is in conformity with the set of declared performances.

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: **Lorenzo Martino – Corporate Quality Management**

Milan, 27/07/2021

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REACH information: the information referred to Article 31 or, as appropriate, to Article 33 of the REACH Regulation (EC) no. 1907/2006 and following amendments are indicated in the safety data sheet that MAPEI makes available on the website along with this current Declaration of Performance

DoP in Pdf format are available in the Mapei website.

<i>Revision 1 notes:</i>	<i>Reaction to fire updated</i>
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ADESILEX PG1 RAPIDO
CE MARKING
Annex to DoP N. CPR-IT1/0008



 1305, 0497	 Via Cafiero, 22 – 20158 Milano (Italy) www.mapei.it																																
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Note:

MAPEI supplies the current annex along with the DoP to make the consultancy of the CE marking easier for the international clients. The enclosed CE marking can be slightly different compared to the one printed on the relevant packaging or documentation because of:

- *NPD (No Performance Determined) values can be omitted by the CE marking,*
- *graphic adaptations due to lack of space on the packaging or printing methods used,*
- *different language (the same packaging can be shared by several countries),*
- *the product is already in stock when the updating of the CE marking is implemented,*
- *printing mistake*