

DECLARATION OF PERFORMANCE N. CPR-PL1/175

- 1) Unique identification code of the product-type: **MAPEGROUT 450 THIXO**
- 2) Intended use/es: **Structural repair product for concrete, used in buildings and civil engineering works**
- 3) Manufacturer: **MAPEI Polska Sp. z o.o. - ul. Gustawa Eiffel'a 14, 44-109 Gliwice - www.mapei.pl**
- 4) System/s of AVCP: **System 2+, System 4 (for reaction to fire)**
- 5) Harmonized standard: **EN 1504-3:2005**

Notified body/ies: **Instytut Techniki Budowlanej N. 1488**

- 6) Declared performance/s:

Essential characteristics	Performances
Compressive strength	class R4
Chloride ion content	≤ 0,05 %
Adhesive bond	≥ 2,0 MPa
Carbonation resistance	passes
Elastic modulus	≥ 20 GPa
Thermal compatibility:	
- Freeze-thaw	≥ 2,0 MPa
Capillary absorption	≤ 0,5 kg·m⁻²·h^{-0,5}
Reaction to fire	class A1
Dangerous substances	NPD

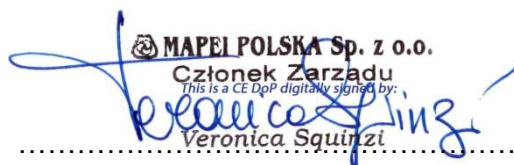
- 7) Appropriate Technical Documentation and/or Specific Technical Documentation: reaction to fire class declared without the need for testing according to the Decision of the Commission 96/603/EC and following amendments.
Organic material <1% by mass.

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: **Veronica Squinzi – Member of the Board of MAPEI Polska Sp. z o.o.**

Gliwice, 14/09/2022



MAPEI POLSKA Sp. z o.o.
Członek Zarządu
This is a CE DoP digitally signed by:
Veronica Squinzi

DoP in Pdf format are available on the Mapei Polska Sp. z o.o. website.

Revision 2 notes:	The product unchanged. DoP layout updated.
-------------------	--

 1488	 MAPEI Polska Sp. z o.o. ul. Gustawa Eiffel'a 14, 44-109 Gliwice www.mapei.pl
21 CPR-PL1/175 EN 1504-3 MAPEGROUT 450 THIXO <i>Structural repair product for concrete, used in buildings and civil engineering works</i>	
Compressive strength Chloride ion content Adhesive bond Carbonation resistance Elastic modulus Thermal compatibility: - Freeze-thaw Capillary absorption Reaction to fire	class R4 $\leq 0,05 \%$ $\geq 2,0 \text{ MPa}$ passes $\geq 20 \text{ GPa}$ $\geq 2,0 \text{ MPa}$ $\leq 0,5 \text{ kg}\cdot\text{m}^{-2}\cdot\text{h}^{-0,5}$ class A1