

DECLARATION OF PERFORMANCE

According to the Regulation (EU) No.305/2011

No. GCAA001/7

ADINGPOKS N



1. Unique identification code of the product:
GCAA001
2. Intended use/uses:
According to EN 1504-4:ZA.1b, epoxy adhesive for structural strengthening and bonding of existing concrete and new fresh concrete or mortar.
This product is intended for:
 - **Structural strengthening and bonding of concrete or mortar (Method 4.4 according to EN 1504-9)**
3. Manufacturer:
ADING AD Skopje, Novoselski pat (ul. 1409) br. 11, 1060 Skopje, R. North Macedonia
4. Authorised representative:
/
5. System or systems of Assessment and Verification of Constancy of Performance (AVCP):
System 2+
- 6a. Harmonised standard:
EN 1504-4:2004

Notified body:

Building Research Institute (N I S I) Ltd, 1618 Sofia, Bulgaria, №86 Nikola Petkov Blvd („Научноизследователски строителен институт – НИСИ“ ЕООД, Р. България, София 1618, бул. "Никола Петков" № 86) - notified body for construction products, with identification number NB 2032 in European Commission register 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+.

7. Declared performances:

Essential Characteristics	Performance	Harmonised technical specification	
Compressive strength	$\geq 30 \text{ N/mm}^2$	MKC EN 1504-4:2006	EN 1504-4:2004
Adhesion strength with pull off test	Fracture in concrete		
Shear strength	$\geq 6 \text{ N/mm}^2$		
Shrinkage	$\leq 0,1\%$		
Modulus of elasticity in compression	$\geq 2000 \text{ N/mm}^2$		
Suitability for application and curing under special environmental conditions (wet surfaces)	Fracture in concrete		
Open time	$\geq 80 \text{ min}$		
Pot life	$120 \pm 20 \text{ at } (23 \pm 2)^\circ\text{C}$		
Glass transition temperature	$\geq 40^\circ\text{C}$		
Coefficient of thermal expansion	$\leq 100 \cdot 10^{-6} (1/^\circ\text{C})$		
Durability	Pass		
Reaction to fire	Class F		
Dangerous substances	No performance determined		

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 the Regulation (EU) No. 305/2011, under the sole responsibility of the manufacturer identified in point 3.

Signed for and on behalf of the manufacturer by:
General Manager,



Skopje, 24.06.2021

Blagoja Donchev, Civ. Eng.

CE MARKING

Annex to DoP No.GCAA001/7

DECLARATION OF PERFORMANCE

 2032	
ADING AD Skopje, Novoselski pat (ul 1409) br.11 1060 Skopje, North Macedonia 16 GCAA001/7 EN 1504-4:2004 ADINGPOKS N Epoxy adhesive for structural strengthening and bonding of existing concrete and new fresh concrete or mortar	
Compressive strength	≥ 30 N/mm²
Adhesion strength with pull off test	Fracture in concrete
Shear strength	≥ 6 N/mm²
Shrinkage	≤ 0,1%
Modulus of elasticity in compression	≥ 2000 N/mm²
Suitability for application and curing under special environmental conditions (wet surfaces)	Fracture in concrete
Open time	≥ 80 min
Pot life	120±20 at (23±2)°C
Glass transition temperature	≥ 40°C
Coefficient of thermal expansion	≤ 100 · 10⁻⁶ (1/°C)
Durability	Pass
Reaction to fire	Class F
Dangerous substances	No performance determined

ECOLOGY, HEALTH AND SAFETY INFORMATION (REACH)

Information and advice on safe handling, storage and disposal of the chemical product are contained in the official Safety Data Sheet (SDS).

NOTE

The information and recommendations relating to proper storage, handling and end-use of Ading's products are given based on our best knowledge and experience. The differences in substrates and ambient conditions are not covered with this information. The user shall refer to the official technical data sheet. ADING reserves the right to change its products. The proprietary rights of third parties must be observed. All orders are accepted under current terms of sale and delivery.

