



DECLARATION OF PERFORMANCE

According to Regulation (EU) No.305/2011
No. GOAC0XX/6

ADINGPOKS AKVA 1B



DECLARATION OF PERFORMANCE

1. Unique identification code of the product:
GOAC0XX
2. Intended use/uses:
EN 1504-2:ZA.1d, EN 1504-2:ZA.1e, EN 1504-2:ZA.1f and EN 1504-2:ZA.1g water based epoxy coating for concrete ingress protection and for increasing physical and chemical resistance
This product is intended for:
 - Ingress protection – Method 1.3 according to EN 1504-2 (Method 1.3 according to EN 1504-9)
 - Moisture control – Method 2.2 according to EN 1504-2 (Method 2.3 according to EN 1504-9)
 - Increasing resistivity by limiting moisture content – Method 8.2 according to EN 1504-2 (Method 8.3 according to EN 1504-9)
 - Physical resistance – Method 5.1 according to EN 1504-2 (Method 5.1 according to EN 1504-9)
 - Chemical resistance – Method 6.1 according to EN 1504-2 (Method 6.1 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 AVCP:
System 2+
- 6a. Harmonised standard:
EN 1504-2:2004

Notified body:

Building Research Institute (N I S I) Ltd, 1618 Sofia, Bulgaria, №86 Nikola Petkov Blvd - 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+ and issued [Certificate of conformity of the factory production control](#).



7. Declared performances:

Essential Characteristics	Performance	Harmonised technical specification	
Permeability to CO ₂	S_D > 50m	MKC EN 1504-2:2006	EN 1504-2:2004
Permeability to water vapour	Class I, S_D < 5 m		
Capillary absorption and permeability to water	w < 0,1 kg/m²·h^{0,5}		
Adhesion strength by pull-off test	≥ 2,0 N/mm²		
Impact resistance	Class II ≥ 10 Nm After loading, no cracks, no delamination		
Abrasion resistance	< 3000 mg		
Resistance to severe chemical attack	Class I: 3 days without pressure ≤ 50% reduction in Shore hardness after treatment in test liquids: petrol; diesel and motor oil; 10% CH₃COOH; 20% H₂SO₄; 20% NaOH; 20% NaCl		
Reaction to fire	Class B – s1, d0		
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 Regulation (EU) No. 305/2011, under the sole responsibility of the manufacturer identified in point 3.

DECLARATION OF PERFORMANCE

Signed for and on behalf of the manufacturer by:

General Manager,



Zoran Petrovski, arch.eng.


Skopje, 08.02.2024



CE MARKING

Annex to DoP No.GOAC0XX/6

DECLARATION OF PERFORMANCE

 2032	
ADING AD Skopje, Novoselski pat (ul 1409) br.11 1060 Skopje, North Macedonia 19 GOAC0XX/6 EN 1504-2:2004 ADINGPOKS AKVA 1B Two component water based epoxy coating for concrete ingress protection and for increasing physical and chemical resistance	
Permeability to CO ₂	S_D > 50m
Permeability to water vapour	Class I, S_D < 5 m
Capillary absorption and permeability to water	w < 0,1 kg/m²·h^{0,5}
Adhesion strength by pull-off test	≥ 2,0 N/mm²
Impact resistance	Class II ≥ 10 Nm After loading, no cracks, no delamination
Abrasion resistance	< 3000 mg
Resistance to severe chemical attack	Class I: 3 days without pressure ≤ 50% reduction in Shore hardness after treatment in test liquids: petrol; diesel and motor oil; 10% CH₃COOH; 20% H₂SO₄; 20% NaOH; 20% NaCl
Reaction to fire	Class B – s1, d0
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.