



**DECLARATION OF PERFORMANCE**  
**in accordance with Annex III of Regulation (EU) No. 305/2011**  
**(Construction Product Regulation)**  
**amended by Commission Delegated Regulation (EU) No 574/2014**

for the product **ARDEX B 16**  
**No. 32586**

1. Unique identification code of the product type: **EN 1504-3:R4**
2. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

**Polymer modified cementitious mortar (PCC)**  
**for repair (structural) of concrete structures**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11 (5):

**ARDEX GmbH**  
**Friedrich-Ebert-Str. 45**  
**58453 Witten**  
**Germany**

4. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12 (2) of the Regulation (EU) no 305/2011:

**Not relevant**

5. 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**

- 6a. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

The notified body **LGAI TECHNOLOGICAL CENTER, S. A./Applus** with the identification number **0370** performed the test according to EN 1504-3:2006.

The notified body **LGAI TECHNOLOGICAL CENTER, S. A./Applus** with the identification number **0370** performed the reaction to fire.

The notified body **LGAI TECHNOLOGICAL CENTER, S. A./Applus** with the identification number **0370** performed the initial inspection of factory and of factory production control as well as the continuous surveillance, assessment and approval of factory production control.

6b. In case of the declaration of performance concerning a construction product for which a European Technical Assessment was issued:


**Not relevant**


7. Declared Performance:

Essential Characteristics	Performance	Harmonised Technical Specification
Compressive strength:	class R4	EN 1504-3:2006
Chloride ion content:	≤ 0.05 %	EN 1504-3:2006
Adhesive bond:	≥ 2.0 MPa	EN 1504-3:2006
Restrained shrinkage/expansion:	≥ 2.0 MPa	EN 1504-3:2006
Carbonation resistance:	passed	EN 1504-3:2006
Elastic modulus:	≥ 20 GPa	EN 1504-3:2006
Thermal compatibility Part 1 - Freeze/thaw attack with de-icing salt:	≥ 2.0 MPa	EN 1504-3:2006
Skid resistance:	NPD	EN 1504-3:2006
Coefficient of thermal expansion:	NPD	EN 1504-3:2006
Capillary absorption:	≤ 0.5 kg/(m <sup>2</sup> ·√h)	EN 1504-3:2006
Reaction to fire:	A1	EN 1504-3:2006
Hazardous substances:	Compliance with 5.4 of EN 1504-3	EN 1504-3:2006

8. The performance of the product identified above is in conformity with the set of declared performance/s. 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 the manufacturer and in the name of the manufacturer by:

  
Xavier Galobardes  
Manager of Operations, production site ASA

  
Joan Bo  
Technical Manager, production site ASA

Witten, 21<sup>st</sup> February 2019

(Place and date of issue)