



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

No. 32586

Unique identification code of the product type: **32586 ARDEX B 16, EN 1504-3:R4**

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

Name, registered trade name or registered trade mark and contact address of the manufacturer:

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

System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

System 2+
Reaction to fire: System 3

Harmonised standard: **EN 1504-3:2005**

Notified body:

LGAI TECHNOLOGICAL CENTER, S. A./Applus identification number **0370**
TSE DENEY ve KALİBRASYON MERKEZİ BAŞKANLIĞI YAPI MALZEMELERİ YANGIN
VE AKUSTİK LABORATUVARI MÜDÜRLÜĞÜ, identification number **1783**

Factory production control:


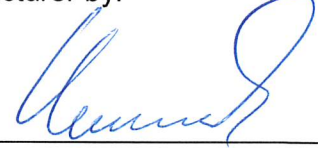
0370-CPR-4069

Declared Performance:

Essential Characteristics	Performance	System for assessing and reviewing performance consistency	Harmonised Technical Specification
Reaction to fire:	A1	System 3	EN 1504-3:2005
Compressive strength:	class R4	System 2+	EN 1504-3:2005
Chloride ion content:	≤ 0.05 %	System 2+	EN 1504-3:2005
Adhesive bond:	≥ 2.0 MPa	System 2+	EN 1504-3:2005
Restrained shrinkage/expansion:	≥ 2.0 MPa	System 2+	EN 1504-3:2005
Carbonation resistance:	passed	System 2+	EN 1504-3:2005
Elastic modulus:	≥ 20 GPa	System 2+	EN 1504-3:2005
Thermal compatibility Part 1 - Freeze/thaw attack with de-icing salt:	≥ 2.0 MPa	System 2+	EN 1504-3:2005
Skid resistance:	NPD	System 2+	EN 1504-3:2005
Coefficient of thermal expansion:	NPD	System 2+	EN 1504-3:2005
Capillary absorption:	≤ 0.5 kg/(m ² ·√h)	System 2+	EN 1504-3:2005
Hazardous substances:	Compliance with 5.4 of EN 1504-3	System 2+	EN 1504-3:2005

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:

ARDEX GmbH
 Friedrich-Ebert-Str. 45
 58453 Witten

Arnd Haase
 R & D Deputy Director

Bernd Unterbrink
 R & D Section Head

Witten, 4th October 2023

(Place and date of issue)