



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

for the product **ARDEX X 77**
No. 000011 – CPR/2013

1. Unique identification code of the product-type: **EN12004:C2TE-S1**
2. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

Improved Deformable cementitious adhesive for internal and external use with reduced slip and extended open time.

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

**ARDEX UK Ltd,
Homefield Road,
Haverhill,
Suffolk,
CB9 8QP**

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 3

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

The notified body **MATERIALPRÜFUNGSAMT NORDRHEIN-WESTFALEN (MPA NRW)** with the identification number **0432** performed the test according to EN 12004:2007.

The notified body **LGAI TECHNOLOGICAL CENTER S. A./Applus** with the identification number **0370** performed the test according to EN 12002.

The notified body **TSE DENEY ve KABIBRASYON MERKEZI BASKANLIGI YAPI MALZEMELERI** with the identification number **1783** performed the reaction to fire.



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

Not relevant

7. Declared Performance

Essential characteristics	Performance	Harmonised Technical Specification
Initial tensile adhesion strength:	$\geq 1.0 \text{ N/mm}^2$	EN 12004:2007 +A1:2012
Tensile adhesion strength after water immersion:	$\geq 1.0 \text{ N/mm}^2$	
Tensile adhesion strength after heat ageing:	$\geq 1.0 \text{ N/mm}^2$	
Tensile adhesion strength after freeze-thaw cycles:	$\geq 1.0 \text{ N/mm}^2$	
Fire class:	A2-s1, d0	
Release of dangerous substances	See material safety data sheet	

Additional Characteristics	Performance	Harmonised Technical Specification
Open time:	$\geq 0.5 \text{ N/mm}^2$ after not less than 30 minutes	EN 12004:2007 +A1:2012
Slip:	$\leq 0.5 \text{ mm}$	
Transverse deformation	$\geq 2.5 \text{ mm}$ and $< 5 \text{ mm}$	

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 and on behalf of the manufacturer by:

Ian Smith
Laboratory Manager

Haverhill 31/10/2018 R2