



**DECLARATION OF PERFORMANCE
in accordance with Annex III of Regulation (EU) No. 305/2011
(Construction Product Regulation)**

for the product **ARDEX X 77 S**
No. **54062**

1. Unique identification code of the product type: **EN 12004:C2FTE-S1**
2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11 (4):

Batch number: see packaging of the product

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

Cementitious Adhesive

4. 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**

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12 (2):

not relevant

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

System 3

7. 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 under **System 3** and issued the following:

Test Report No. 220005626-06-01

The notified body **LGAI TECHNOLOGICAL CENTER, S. A./Applus** with the identification number **0370** performed the test according to DIN EN 12002 under **System 3** and issued the following:

Test Report No. 11/3114-1507

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

Not relevant

9. 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:	$\geq 1.0 \text{ N/mm}^2$	EN 12004:2007+A1:2012
Tensile adhesion strength after heat ageing:	$\geq 1.0 \text{ N/mm}^2$	EN 12004:2007+A1:2012
Tensile adhesion strength after freeze-thaw cycles:	$\geq 1.0 \text{ N/mm}^2$	EN 12004:2007+A1:2012
Open time:	$\geq 0.5 \text{ N/mm}^2$ <i>after not less than 30 minutes</i>	EN 12004:2007+A1:2012
Early tensile adhesion strength after 6 hours:	$\geq 0.5 \text{ N/mm}^2$	EN 12004:2007+A1:2012
Slip:	$\leq 0.5 \text{ mm}$	EN 12004:2007+A1:2012
Transverse deformation	$\geq 2.5 \text{ mm and } < 5 \text{ mm}$	EN 12004:2007+A1:2012
Fire class:	E	EN 12004:2007+A1:2012

When specific technical documentation in accordance with Articles 37 or 38 was used, the requirements that the product fulfills:

Not applicable

10. The performance of the product set out in numbers 1 and 2 corresponds to the declared performance set out in number 9. The manufacturer as defined in number 4 is solely responsible for drawing up this declaration of performance.

Signed for the manufacturer and in the name of the manufacturer by:

ARDEX GmbH
Friedrich-Ebert-Str. 45
58453 Witten



Dr. Jörg W. Sieksmeier
R & D Director



Bernd Unterbrink
R & D Section Head

Witten, 26.04.2013

(Place and date of issue)