



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 54062

Unique identification code of the product type: **54062 ARDEX X 77 S, EN 12004:C2FTE-S1**

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

**Improved fast setting deformable cementitious adhesive
with reduced slip and extended open time for internal and
external tiling**

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

**ARDEX UK Ltd
Homefield Road
Haverhill
Suffolk CB9 8QP
United Kingdom**

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

**System 3
Reaction to fire: System 4**

Harmonised standard: **EN 12004:2007+A1:2012**

Notified body:


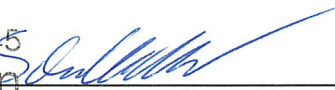
**MATERIALPRÜFUNGSAMT NORDRHEIN-WESTFALEN (MPA NRW) identification number
0432**

Declared Performance:

Essential Characteristics	Performance	System for assessing and reviewing performance consistency	Harmonised Technical Specification
Reaction to fire:	E	System 4	EN 12004:2007+A1:2012
Bond strength			
Initial tensile adhesion strength:	≥ 1.0 N/mm ²	System 3	EN 12004:2007+A1:2012
Early tensile adhesion strength after 6 hours:	≥ 0.5 N/mm ²	System 3	EN 12004:2007+A1:2012
Durability of bond strength			
Tensile adhesion strength after heat ageing:	≥ 1.0 N/mm ²	System 3	EN 12004:2007+A1:2012
Tensile adhesion strength after water immersion:	≥ 1.0 N/mm ²	System 3	EN 12004:2007+A1:2012
Tensile adhesion strength after freeze-thaw cycles:	≥ 1.0 N/mm ²	System 3	EN 12004:2007+A1:2012
Release of dangerous substances:	NPD		

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:



ARDEX GmbH
 Friedrich-Ebert-Str. 45
 58453 Witten
 Arnd Haase
 Deputy Director R & D
 Dr. Robert Schulte Holthausen
 R & D Section Head

Witten, 2nd January 2024

(Place and date of issue)

Additional Product Characteristics

Additional Characteristics	Performance	System for assessing and reviewing performance consistency	Harmonised Technical Specification
Special Characteristics			
Open time:	≥ 0.5 N/mm ² after not less than 30 minutes	System 3	EN 12004:2007+A1:2012
Slip:	≤ 0.5 mm	System 3	EN 12004:2007+A1:2012
Transverse deformation:	≥ 2.5 mm and < 5 mm	System 3	EN 12004:2007+A1:2012