



**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 54060**

Unique identification code of the product type: **54060 ARDEX X 77, EN 12004:C2TE-S1**

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 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 3**

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

Notified body:

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

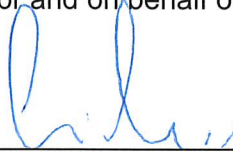

**TSE DENEY ve KALİBRASYON MERKEZİ BAŞKANLIĞI YAPI MALZEMELERİ YANGIN VE AKUSTİK LABORATUVAR MÜDÜRLÜĞÜ, identification number 1783**

Declared Performance:

Essential Characteristics	Performance	System for assessing and reviewing performance consistency	Harmonised Technical Specification
Reaction to fire:	A2-s1, d0	System 3	EN 12004:2007+A1:2012
<b>Bond strength</b>			
Initial tensile adhesion strength:	≥ 1.0 N/mm <sup>2</sup>	System 3	EN 12004:2007+A1:2012
<b>Durability of bond strength</b>			
Tensile adhesion strength after heat ageing:	≥ 1.0 N/mm <sup>2</sup>	System 3	EN 12004:2007+A1:2012
Tensile adhesion strength after water immersion:	≥ 1.0 N/mm <sup>2</sup>	System 3	EN 12004:2007+A1:2012
Tensile adhesion strength after freeze-thaw cycles:	≥ 1.0 N/mm <sup>2</sup>	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 

Dr. Jörg W. Sieksmeier  
R & D Director

Dr. Robert Schulte Holthausen  
R & D Section Head

Witten, 27<sup>th</sup> June 2023

(Place and date of issue)

**Additional Product Characteristics**

Additional Characteristics	Performance	System for assessing and reviewing performance consistency	Harmonised Technical Specification
<b>Special Characteristics</b>			
Open time:	≥ 0.5 N/mm <sup>2</sup> 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