



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. 40359

Unique identification code of the product type: **ARDEX S 1-K PLUS / S 1-K C PLUS**
Watertight Covering System
EAD 030352-00-0503, Assessment Category II

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

Liquid applied watertight covering kits for walls and floors in
interior wet rooms exposed to temperatures between 5°C and 40°C
installed beneath a wearing surface

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

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: **EAD 030352-00-0503**

European Technical Assessment: **ETA-22/0627**

Notified body/Notified bodies:

Materialprüfanstalt für das Bauwesen Braunschweig, identification number 0761

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

Kiwa GmbH TBU, identification number 0766


Declared Performance:

Essential Characteristics	Performance	System for assessing and reviewing performance consistency	Harmonised Technical Specification
Reaction to fire:	E	System 3	EAD 030352-00-0503
Release of dangerous substances:	See safety data sheet	System 2+	
Vapour permeability:	Sd = 63.9 m (with Primer according to ETA)	System 2+	
Watertightness:	watertight	System 2+	
Joint bridging capability:	Assessment Category 2: 0.75 mm	System 2+	
Bond strength:	Assessment Category 2: ≥ 0.5 MPa	System 2+	
Crack bridging ability:	watertight	System 2+	
Water tightness around penetrations:	watertight	System 2+	
Resistance to temperature:	Assessment Category 2: ≥ 0.5 MPa Assessment Category 2: 0.75 mm	System 2+	
Resistance to water:	Assessment Category 2: ≥ 0.5 MPa	System 2+	
Resistance to alkalinity:	Assessment Category 2: ≥ 0.5 MPa	System 2+	
Resistance to mechanical wear:	not relevant	System 2+	
Slipperiness:	not relevant	System 2+	
Reparability	NPD	System 2+	
Thickness:	0.5 mm	System 2+	
Durability:	not relevant	System 2+	

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:


Arnd Haase
R & D Deputy Director

ARDEX GmbH
Friedrich-Ebert-Str. 45
58453 Witten

Ann-Kristin Quintern
R & D Section Head

Witten, 26th October 2022

(Place and date of issue)