



DECLARATION OF PERFORMANCE

No. KAQ_0461

1. Unique identification code of the product-type: **AQUAPANEL® Water Barrier**
WB_544043_031
2. Intended use/es: **Underlay for walls**
3. Manufacturer: **Knauf Aquapanel GmbH & Co. KG, Zur Helle 11, D - 58638 Iserlohn**
Tel.: +49 2374 5036-0, Fax: +49 2374 5036-300, E-Mail: aquapanel.info@knauf.com
4. Authorised representative: not applicable
5. System/s of AVCP: **System 3**
6. a) Harmonised standard: **EN 13859-2:2010**
Notified body/ies: MPA Braunschweig (0761) has carried out the test of the fire behavior.
KIWA TBU Greven (0799) has carried out the test of water tightness.
6. b) European Assessment Document / European Technical Assessment / Technical Assessment Body/
Notified body/ies: not applicable
7. Declared performance/s:

Essential characteristics	Performance	Harmonised tech. specification
Length	50 m (-0%)	EN 13859-1:2010 EN 13859-2:2010
Width	150 cm (+1,5 % / -0,5 %)	
Straightness	< 30 mm per 10 m length	
Reaction to fire	E (on mineral wool and timber) (EN 13501-1)	
Resistance to water penetration	W1 (before and after ageing)	
Mass per unit area	130 g/cm ² (± 10 %)	
Water vapour transmission	s _d = 0,03 m (± 0,02 m)	
Tensile strength in longitudinal/transverse direction	(210±30) N/5cm / (150±30) N/5cm	
Tensile strength in longitudinal / transverse direction (after artificial ageing)	(210±30) N/5cm / (150±30) N/5cm	
Elongation in longitudinal / transverse direction	(50±15) % / (40±15) %	
Elongation in longitudinal / transverse direction (after artificial ageing)	(40±15) % / (30±15) %	
Resistance to tearing in longitudinal / transverse direction	(130±30) N / (130±30) N	
Flexibility at low temperature (pliability)	- 20°C	
Dimensional stability	- 2 %	
Temperature resistance	-40 to + 80 °C	
Water pressure resistance	> 400 cm wc	

AQUAPANEL®



8. Appropriate Technical Documentation and/or Specific Technical Documentation: not applicable

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:

Claus Ripken, General Manager

Iserlohn, 05.07.2019