



## DECLARATION OF PERFORMANCE

No. KAQ\_0427

1. Unique identification code of the product-type: **AQUAPANEL® Tyvek® Water-Resistive Barrier TWB\_438378\_004**
2. Intended use/es: **Underlay in exterior wall systems**
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](mailto:aquapanel.info@knauf.com)
4. Authorised representative: not applicable
5. System/s of AVCP: **System 3**
6. a) Harmonised standard: **EN 13859-2:2014**  
Notified body/ies: **SHR NL (NB 1686)**
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
Reaction to fire	E (on mineral wool and timber) (EN 13501-1)	EN 13859-2:2014
Resistance to water penetration	W1 (before and after ageing) (EN 1928 (A))	EN 13859-2:2014
Water vapour transmission	$s_d = 0,025$ m (0,005 – 0,045 m) (EN ISO 12572 (C))	EN 13859-2:2014
Tensile strength in longitudinal/transverse direction	(250±50) N/50mm / (210±40) N/50mm (EN 12311-1)	EN 13859-2:2014
Elongation in longitudinal / transverse direction	(10±4) % / (15±5) % (EN 12311-1)	EN 13859-2:2014
Resistance to tearing in longitudinal / transverse direction	(90±25) N / (85±25) N (EN 12310-1)	EN 13859-2:2014
Flexibility at low temperature (pliability)	> - 40°C (EN 1109)	EN 13859-2:2014
Tensile strength in longitudinal / transverse direction (after artificial ageing)	90% / 90% (Residual values) (EN 12311-1)	EN 13859-2:2014
Elongation in longitudinal / transverse direction (after artificial ageing)	85% / 80% (Residual values) (EN 12311-1)	EN 13859-2:2014

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:

Dr. Thomas Koslowski, General Manager

Iserlohn, 10.06.2016

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