



## DECLARATION OF PERFORMANCE

No: KAGE\_007

- Unique identification code of the product-type: **AQUAPANEL® Cement Board SkyLite**  
SL\_8,0\_901  
SL\_8,0\_903
- Intended use/es: **AQUAPANEL® Cement Board 8 mm (hydrophobic) for use in suspended ceilings in interior and exterior applications.**
- 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)
- Authorised representative: not applicable
- System/s of AVCP: **System 3** (reaction to fire), **System 4** (all other product characteristics)
- a) Harmonised standard: not applicable  
Notified body/ies: not applicable
- b) European Assessment Document / European Technical Assessment / Technical  
Assessment Body: **ETA-13/0608, Deutsches Institut für Bautechnik, 19.06.2019**  
Notified body/ies: MPA Nordrhein-Westfalen (0432)
- Declared performance/s:

Essential Characteristics	Performance
<b>Safety in case of fire (BWR 2)</b>	
Reaction to fire	Class A1 according to EN 13501-1:2019-05
<b>Hygiene, health and environment (BWR 3) / Content, emission and/or release</b>	
Substance(s) classified as EU-cat. Carc. 1A/1B	The product does not contain these dangerous substances.
Substance(s) classified as EU-cat. Muta. 1A/1B	
Substance(s) classified as EU-cat. Acute Tox. 1, 2 and/or 3; substance(s) classified as EU-cat. Repr. 1A/1B; substance(s) classified as EU-cat. STOT SE 1 and/or STOT RE 1	
<b>Safety and accessibility in use (BWR 4)</b>	
Thickness	$e = 8 \text{ mm} \pm 0,8 \text{ mm}$
Dimensions (length and width)	Annex C
Straightness of edges	0,1 % = Level I according to EN 12467
Squareness of edges	2 mm/m = Level I according to EN 12467
Density	$\rho_{\text{mean}} = 1230 \pm 175 \text{ kg/m}^3$
Moisture content	$H \leq 13 \text{ \% by mass}$
<b>Essential Characteristics</b>	<b>Performance</b>
<b>Safety and accessibility in use (BWR 4)</b>	

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Water permeability	Passed	
Dimensional stability – length	$\delta_{65,85} = 0,38 \text{ mm/m}$ , $\delta_{65,30} = -0,32 \text{ mm/m}$	
Dimensional stability – thickness	$\delta_{65,85} = 0,3 \%$ , $\delta_{65,30} = -0,3 \%$	
Bending strength	$f_{m,0,k} = 6.9 \text{ N/mm}^2$ , $f_{m,90,k} = 10.9 \text{ N/mm}^2$	
Bending modulus of elasticity	$E_{m,0,\text{mean}}$ : 800 MPa $E_{m,90,\text{mean}}$ 1750 MPa	
Pull through resistance AQUAPANEL Maxi Screw	Type SN (Annex A1)	$f_{\text{head},k} = 2.8 \text{ N/mm}^2$
	Type SB (Annex A2)	$f_{\text{head},k} = 2.8 \text{ N/mm}^2$
Pull through resistance AQUAPANEL Rustproofed screw	Type SN (Annex A3)	$f_{\text{head},k} = 2.8 \text{ N/mm}^2$
	Type SB (Annex A4)	$f_{\text{head},k} = 2.8 \text{ N/mm}^2$
Impact resistance	$IR_{\text{mean}} = 12,5 \text{ mm/m}$	
Water adsorption	$w_a = \text{No Performance assessed}$	
Freeze-thaw resistance for category B	$R_{L,\text{FTC}} = 0,94$	
Heat-rain resistance for category B	Passed	
Warm water resistance for category B	$R_{L,\text{ww}} = 0,82$	
Soak-dry resistance for category B	$R_{L,\text{SD}} = 1,0$	
Durability of metal parts	Annex B1	
<b>Energy economy and heat retention (BWR 6)</b>		
Thermal conductivity	$\lambda_{10,\text{tr}} = 0.36 \text{ W/(m.K)}$	
Air permeability	The "AQUAPANEL Cement Board SkyLite" is not permeable to air.	

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, 18.10.2021

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Be certain, choose AQUAPANEL®  
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