

Declaration of Performance:



This CE Declaration of the Performance from Knauf UK Ltd covers all essential characteristics required and specified by EU Regulation 305/2011

DOP NO. 0306/0112_Aquapanel®_Cement_Board_Outdoor_12.5mm_DOP_CE

- Unique identification code of the product-type:
Knauf Aquapanel® Cement Board Outdoor 12.5mm
- Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):
Cement Board Outdoor 12.5mm
- Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:
Cement board for use as a render substrate board in façade for construction and for construction of suspended ceilings in outdoor applications.
- Name, registered trade name or registered trademark and contact address of the manufacturer as required pursuant to Article 11(5):
Knauf Aquapanel® GmbH & Co, KG, Zur Helle, 11, D – 58638 Iserlohn – Tel: +49 2374 5036-0, E-mail: aquapanel.info@knauf.com
- Name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):
Knauf (UK) GmbH, Kemsley Fields Business Park, Sittingbourne, Kent, ME9 8SR. Tel: +441795-424499 - Email: info@knauf.com
- System (AVCP) or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:
System 3 & 4
- In case of the declaration of performance concerning a construction product covered by a harmonised standard:
 - 7.a Harmonised Standard: Not Applicable
Notified Bodies: Not Applicable
 - 7.b European Assessment Document: EAD 210024-00-0504
European Technical Assessment: **ETA 07/0173 (11/10/2017)**
Technical Assessment Body: Deutsches Institut für Bautechnik DIBt
Notified Body/ies: MPA Nordrhein-Westfalen (0432) determined reaction to fire classification.
- Declared Performance.

Essential Characteristics	Performance	Standard
Safety in case of Fire (BWR 2)		
Reaction to Fire (R2F)	A1	BS EN 13501-1
Hygiene, health and environment (BWR 3) Content, emission and/or release.		
Substance (s) classified as EU-cat. Carc.1A/1B	This product does not contain these dangerous substances.	ETA 07/0173
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.		
Biocides		
Biocides	Not Contained.	ETA 07/0173
Safety and accessibility in use (BWR 4)		
Thickness	e=12.5mm ± 1.25mm	ETA 07/0173
Dimensions (Length and Width)	Annex C	ETA 07/0173
Straightness of edges	0.1% = level I according to EN 12467	ETA 07/0173
Squareness of edges	2mm/m = level I according to EN 12467	ETA 07/0173
Density	$\rho_{mean} = 1200 \pm 175 \text{ kg/m}^3$	ETA 07/0173
Moisture content	H = 10,3% by mass	ETA 07/0173
Water impermeability	Passed	ETA 07/0173
Dimensional Stability – length	$\sigma_{65.85} = 0.2 \text{ mm/m}$, $\sigma_{65.30} = -0.4 \text{ mm/m}$	ETA 07/0173
Dimensional Stability – Thickness	$\sigma_{65.85} = 0.02\%$, $\sigma_{65.30} = -0.04\%$	ETA 07/0173
Bending Strength	$f_{m,0,k} = 5.0 \text{ N/mm}^2$, $f_{m,90,k} = 8.1 \text{ N/mm}^2$	ETA 07/0173
Bending modulus of elasticity	$E_{m,0,mean}$, $E_{m90,mean}$: No performance assessed.	ETA 07/0173
Pull through resistance Aquapanel® Maxi Screw	Type (SN Annex A1) $f_{head,k} = 390 \text{ N}$ Type (SB Annex A2) $f_{head,k} = 400 \text{ N}$	ETA 07/0173
Pull through resistance Aquapanel® Rust Proof Screw	Type (SN Annex A3) $f_{head,k} = 460 \text{ N}$ Type (SB Annex A4) $f_{head,k} = 430 \text{ N}$	ETA 07/0173

Impact Resistance	IR _{mean} = 16.0mm/m	ETA 07/0173
Water absorption	W _a = 21.2% by mass	ETA 07/0173
Freeze-thaw resistance category B	RL _{FTC} = 0.91	ETA 07/0173
Heat-rain resistance category B	Passed	ETA 07/0173
Warm water resistance category B	RL _{ww} = 0.79	ETA 07/0173
Soak-dry resistance category B.	RL _{SD} = 1.0	ETA 07/0173
Durability of metal parts	Annex B1	ETA 07/0173
Energy economy and heat retention (BWR 6)		
Thermal conductivity λ _{10, tr}	No performance assessed	ETA 07/0173
Air Permeability	The "Aquapanel Cement Board Outdoor" is not permeable to air.	ETA 07/0173

Where pursuant to Article 37 or 38 the Specific Technical Documentation has been used, the requirements with which the product complies.

Not Applicable

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:



Ian Stokes, Managing Director
Sittingbourne

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