



TECHNICAL DATASHEET

Puraboard

Board & Batten

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WALL CLADDING BOARD · POLYURETHANE FOAM

Puraboard Board & Batten is a polyurethane-foam cladding board with a board-and-batten profile and a wood-effect surface. This datasheet records its reaction-to-fire classification and the underlying test results assessed to EN 13501-1.

BOARD SIZE	MATERIAL	WOOD CONTENT	REACTION TO FIRE
178 × 16 mm	Polyurethane foam	0%	C-s3,d0

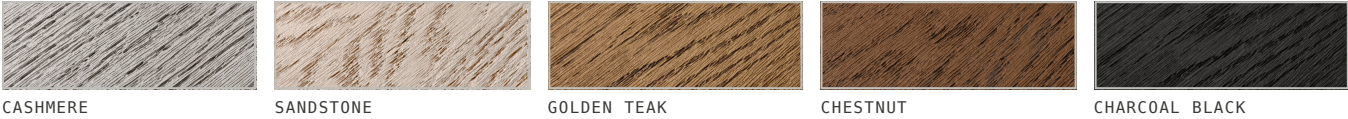


— APPEARANCE

Surface & colour

01

Refined-grain wood-effect surface, available in five colours. Colour is UV-stable for exterior use.



— SUSTAINABILITY

Environment

02

Service life	> 20 years
Recyclability	Recyclable
Wood content	0%
Material	Polyurethane foam



The mark of
responsible forestry
FSC™ C226444

Product identification

PROPERTY	VALUE
Product name	Puraboard Board & Batten
Product type	Polyurethane-foam cladding board
Profile	Board-and-batten
Approximate dimensions	178 × 16 mm
Tested surface	Wood-effect
Intended end use	Wall cladding
Classification standard	EN 13501-1:2018
Final classification	C-s3,d0

Fire classification & results

TEST PARAMETER	RESULT	STANDARD / CRITERION
Reaction-to-fire class	C-s3,d0	EN 13501-1:2018
Fire growth rate (FIGRA)	171 W/s	EN 13823 · ≤ 250 W/s (Class C)
Total heat release (THR600s)	13.0 MJ	EN 13823 · ≤ 15 MJ
Lateral flame spread	Not to edge	EN 13823
Smoke growth rate (SMOGRA)	98.3 m²/s²	EN 13823 · smoke class
Total smoke (TSP600s)	669 m²	EN 13823 · smoke class
Smoke classification	s3	EN 13501-1 · above s1 / s2 limits
Flaming droplets / particles	None (d0)	EN 13823
Ignitability (edge flame, 30 s)	No spread > 150 mm in 60 s	EN ISO 11925-2

NOTE

The classification applies to the product and mounting configuration tested. FIGRA and THR are the fire-growth measures underlying the Class C result.

Test configuration

PROPERTY	VALUE
Mounting arrangement	Free-standing
Distance from backing board	80 mm
Backing board	Calcium silicate board
Backing thickness / density	12 mm · ≈ 850 kg/m ³
Exposed surface	Wood-effect
Small-flame exposure	30 seconds

NOTE

Test methods: EN 13823 (single burning item), EN ISO 11925-2 (ignitability), classified to EN 13501-1:2018.

PuraComposite™

SUSTAINABLE SOLUTIONS

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