

3D WALL PANELS IN NATURAL GYPSUM · EN 15283-2

Technical Data Sheet

Kandes 3D wall panels in natural gypsum: sculptural relief panels cast as a gypsum fibre panel to EN 15283-2, supplied unfinished for painting on site.

Reaction to fire A1 · EN 13501-1	8-32 mm	HS 6809 19 00
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1 PRODUCT

Kandes 3D wall panels are decorative relief panels cast in natural gypsum, falling within the scope of EN 15283-2:2008+A1:2009 as a gypsum fibre board. Each design is cast as one relief and, once the joints are filled and sanded, reads as a single continuous mineral surface. Panels are supplied unfinished in chalk-white; they must be primed, then painted on site in any colour.

2 APPEARANCE AND FORMAT

Form	Relief panel, glass fibre reinforced natural-gypsum body
Format	500 × 500 mm for most models; other formats per model datasheet
Panel thickness (declared)	8-32 mm
Overall depth (incl. relief)	Per model datasheet
Finish	Unfinished, chalk-white; must be primed, then painted on site in any colour

3 COMPOSITION

Natural gypsum (mineral), water, glass fibre and an admixture.

Gypsum	Beta natural gypsum as standard; alpha natural gypsum on request where project requirements call for it
Glass-fibre content	1 % as standard; 5 % on request where project requirements call for it

4 REFERENCE STANDARDS

Regulation (EU) No 305/2011 (CPR) · EN 15283-2:2008+A1:2009 (gypsum fibre boards) · EN 13501-1:2018 (reaction-to-fire classification).

REACTION TO FIRE

Classified A1 (EN 13501-1) - non-combustible

Declared in the CE Declaration of Performance, No. KANDES-3DGP-DoP-001 Rev. 1. A1 is the highest reaction-to-fire class under EN 13501-1: the panels make no contribution to fire at any stage, including a fully developed fire.

5 CHARACTERISTIC VALUES (TESTED)

Property	Value	Standard
Bulk density (mean)	1130 ± 56 kg/m³	EN 15283-2
Surface hardness (mean)	15 mm	EN 15283-2
Reaction to fire	A1 · non-combustible	EN 13501-1

6 DESIGNATION

KANDES-3DGP · EN 15283-2 · HS 6809 19 00 · panel thickness 8-32 mm · reaction to fire A1.

7 USE

Dry interior wall lining. Protect from moisture and direct water contact; not for continuously wet or exterior use.

8 STORAGE, HANDLING AND FIXING

Storage	Store the panels vertically, as delivered on the pallet; do not lay them flat. Keep dry at 15-25 °C and 40-60 % RH.
Acclimatisation	Acclimatise for 24 hours in the installation space, in the original packaging, before fitting.
Fixing	Fix to a sound, dry substrate with a gypsum-based adhesive, with mechanical fixing where the substrate does not allow a reliable adhesive bond; fill and sand the joints to a continuous surface, then prime and paint.

Subject to technical changes. The current edition applies.