

## CBG EasyPan® 100

### TDS 7904

Fire resistant composite sandwich panels CBG EasyPan®100 is an innovative environmentally friendly product with sound- and heat insulation properties for establishing of quick-erect non load bearing partition walls in dry construction, e.g. in living rooms, offices, retail and department stores etc.

- 100% natural
- Non-combustible
- No smouldering
- No smoke in case of fire
- Heat-insulating
- Sound-insulating
- Mechanically loadable
- Moisture-resistant
- Vibration-absorbing
- Corrosion-resistant
- Chemically neutral
- Recyclable



Properties	Data
Description	Composite-Sandwich Panel.
Application area	Drywall construction, e.g. partition walls in residential, office and shopping spaces. (Building categories A, B, C1-C4, D1- D2 in accordance with DIN EN 1991-1).
Weight per unit area, [kg/m <sup>2</sup> ]	16,5 ± 10% with moisture content – max. 4 %.
Gross thickness, [mm]	100 ± 1.
Material	Ceramic basalt fiber and grid laminate, specific mineral wool (basalt fibers), inorganic fire protection adhesive CBG LR Ceramatrix® 01-50.
Sound insulation, (R <sub>w</sub> ), dB	Approx. 40 (DIN EN ISO 10140-2).
Thermal conductivity, λ (W/m·K)	0,03.
Thermal resistance, R-Value (m <sup>2</sup> ·K/W)	3,26.
Fire resistance	E 90, EI 90, EW 90, E120, EI 120, EW120 (in accordance with DIN EN 13501-2).
Reaction to fire	A2-s1, d0 (in accordance with DIN EN 13501-1).
Inorganic content [%]:	Approx. 99.
Connections within the construction	E.g. adhesives, construction foam, fixing rails, screws and other fixing materials.
Surface *:	Ceramic basalt fibre laminates (option: coated with CBG TopSkin PL ceramic glaze laminate, decorative flame retardant according to DIN EN 13501HPL layers in various colours etc.).
Width * / Length *	600 ± 1 mm / up to 2980 ± 2 mm.

#### Supply

\* - Various sizes and surfaces are possible on request;

- Delivery on pallets wrapped with stretch film.



#### Processing and storage

- The usual protective measures must be taken during processing. Gloves, respiratory protection and safety glasses are recommended. Please note the instructions for use "Handling mineral wool and insulation materials (glass wool, rock wool)" from BG Bau and/or local legal regulations;
- Can be processed with standard cutting tools;
- Horizontal storage, e.g. on pallets, on a level surface, secure against slipping.

Subject to modifications



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