

TECHNICAL DATA SHEET

Gypsum Products

PRODUCT CHARACTERISTICS

Gypsum 3D panels range of seamless structured wall surface is made of pre-cast panels bonded to wall to achieve one unbroken finish. The natural ceramic gypsum is environmentally friendly, fire retardant and can be used in almost any environment, including bathrooms. We just advise that you don't expose the paneling to a shower or bath wall. Panels are made to order and come in their original colour – natural white, they can be cut with a handsaw and fitted with gypsum fiber-fix adhesive.

USES

Panels can be fitted internally, on to a solid wall or plasterboard wall made in conformity with good building practice but if there are any possibilities of overloading the existing wall, additional support facings should be applied. Fitting must be carried out within one week of delivery date in temperatures between 5°C – 25°C by a skilled tiler with attention to details. Facings can be fixed onto cement mortar once the concrete has shrunk no less than 75%.

LIMITATION

Panels cannot be fitted externally and on walls with contact with water. Before fitting check the load bearing capacity of the surface and compare with the tile weight specified below. The surface must be porous, solid and free from any old wallpaper, paint or damaged plaster.

TECHNICAL DATA

Ceramic gypsum (CaSO₄ x ½ H₂O)

Calcium sulfate content [%]: ≥ 50

Bending strength [N/mm²]: ≥ 2.0

Compressive strength [N/mm²]: ≥ 4.0

Gypsum binder: PN - EN 13279 - 1 - A / 6/4

Reaction to fire: Class A 1

Chemical Abstract Service nr: CAS 10034-76-1

European Inventory of Existing Chemical Substances nr:
WE 231-900-3 content > 90%

Appearance: white powder

Smell: no

Odor threshold: not applicable

PH: 7-8 with the mixture with water

Melting / freezing point: > 10000 C

Initial boiling point and boiling range: not applicable

Flash point: not applicable

Evaporation rate: not applicable

Flammability: not applicable

Upper / lower flammability / explosion: not applicable

Vapour pressure: not applicable

Vapour density: not applicable

Relative density: approx. 0.9 g / cm³

Solubility: not soluble

Partition coefficient n-octanol / water: not applicable

Ignition temperature: not applicable

Decomposition temperature: not applicable

Viscosity: not applicable

Fiberglass mesh

Grid concealed standard 150 g / m², mesh size 4.5 mm x 4 mm.

Technical approval: ITB AT-15-6372 / 2015

ISO: PN-EN ISO 9001

DISPOSAL

Dispose of in compliance with all local and national regulations. Waste of plaster products are normally classified as non-hazardous, but should not be co-disposed with municipal waste.

DISCLAIMER

We reserve the right to amend the details contained within this document without prior notice. Precast panels can have minor manufacturing characteristics present such as telegraphing of the cellular structure and minor surface particle or imperfections.

These are normal visual elements for this type of product and if present are not grounds for complaint and are not aspects covered by the product warranty.

Product code	Product name	Width*	Height*	Thickness*	Unit contain	Unit weight*	Unit sqm cover	Units per sqm	Material	Color	Fitting methode	Mini-mum order	
DU045	Vertical lines	800 mm	1000 mm	15-30 mm	1 panel	14 kg	0.80	1.25	Casting plaster	White (painted required)	Fibrefix cove adhesive	8 units	
DU054	Vines	800 mm	1000 mm	15-30 mm	1 panel	14 kg	0.80	1.25					
DU050	Rain	800 mm	1000 mm	15-25 mm	1 panel	14 kg	0.80	1.25					
DU049	Lattice	800 mm	1000 mm	15-30 mm	1 panel	14 kg	0.80	1.25					
DU015	Choppy	800 mm	1000 mm	15-30 mm	1 panel	14 kg	0.80	1.25					
DU028	Origami	800 mm	1000 mm	15-30 mm	1 panel	14 kg	0.80	1.25					
DU020	Shallow	800 mm	1000 mm	15-30 mm	1 panel	14 kg	0.80	1.25					
DU029	Wave	1000 mm	800 mm	15-25 mm	1 panel	14 kg	0.80	1.25					
DU016	Monroe	1000 mm	800 mm	15-30 mm	1 panel	14 kg	0.80	1.25					
DU021	Hourglass	1000 mm	800 mm	15-30 mm	1 panel	14 kg	0.80	1.25					
DU041	Holes	800 mm	600 mm	17-70 mm	1 panel	12 kg	0.48	2.08					10 units
DU044	Speaker	600 mm	600 mm	45 mm	1 panel	6 kg	0.36	2.78					15 units
DU040	Flower	800 mm	800 mm	15-50 mm	1 panel	17 kg	0.64	1.56					10 units
DU048	Tubes	800 mm	800 mm	15-45 mm	1 panel	15 kg	0.64	1.56					
DU046	Pixels	800 mm	800 mm	15-50 mm	1 panel	18 kg	0.64	1.56				20 units	
DU026	Craters	390Ø		32 mm	1 panel	1.2 kg	n/a	n/a					
DU022	Tablet	370 mm	370 mm	15-30 mm	1 panel	1.3kg	0.14	7.30				50 units	
DU025	Rectangles	300 mm	300 mm	22-53 mm	1 panel	1.2 kg	0.09	11.11				10 units	
AP001	Rubik	720 mm	720 mm	20-40mm	1 panel	10 kg	0.52	1.92					
AP002	Denali	720 mm	720 mm	15-35 mm	1 panel	9 kg	0.52	1.92					
AP003	Vente	720 mm	720 mm	15-35 mm	1 panel	9 kg	0.52	1.92					
AP004	Quadrat	720 mm	720 mm	15-35 mm	1 panel	9 kg	0.52	1.92					
AP005	Ripple	720 mm	720 mm	15-35 mm	1 panel	9 kg	0.52	1.92					
AP006	Onyx	720 mm	720 mm	15-35 mm	1 panel	9 kg	0.52	1.92				5 units	
AD001	Fair	415 mm	277 mm	25 mm	6 tiles	5.4 kg	0.46	2.17					Cream
AD005	Ferro	500 mm	150 mm	17 mm	12 tiles	7.2 kg	0.45	2.22					Grey/ Cream
AD007	Loft	225 mm	78 mm	22 mm	30 tiles	9.6 kg	0.50	2.00	White				

* Due to their handmade production, the panel sizes can vary by 2%.