

WATER-REPELLENT GYPSUM BLOCKS

GENERAL

The walls consist of solid Promonta gypsum blocks having two smooth surfaces. Each block is moulded with two, tongued sides (one short and one long) and two grooved sides, to enable them to be fitted perfectly together during assembly.

CHARACTERISTICS

- Usual dimensions : 50 x 666 mm.
- Thickness : 7, 8 and 100 mm.
- Density : +/- 950 kg/m³.
- Promhydro water repellent gypsum blocks have a very low water absorption capacity (maximum 5% water absorption after 2 hours total immersion in water).

TRANSPORT AND STORAGE

The gypsum blocks must be protected from water and moisture during transport and storage. The blocks will be supplied in plastic or shrinkwrapped. Care should be taken when handling the blocks to avoid scratching faces and chipping edges.

TYPES

- Water repellent (Hydro) blocks - density +/- 950 kg/m³ - colour bluish.
- The hydro blocks are used for wet areas such as showers, cellars, etc.
- They have a very low absorption capacity.
- When immersed completely in water during 2 hours the weight of the blocks will increase by maximum 5%.

TECHNICAL SPECIFICATIONS

Promonta Normal: colour bluish					
Thickness	50 mm	60 mm	70 mm	80 mm	100 mm
Application	Front wall		Partition wall		
Weight per block in kg	± 16	± 19	± 22	± 26	± 32
Density	± 950 kg/m ³				
Minimum compressive strength	5 N/mm ²				
Sizes	667 x 501 mm				
Characteristics of Promonta walls					
Weight Kg/m ²	± 50	± 58	± 68	± 80	± 98
Fire resistance Rf - Lab. University of Gent			3 hours		4 hours
ACOUSTIC INSULATION	ISO R717				38 dB III b
LABO WTCB	NBN S01 - 400				
Average use of adhesive kg/m ²	1	1.2	1.4	1.5	1.8