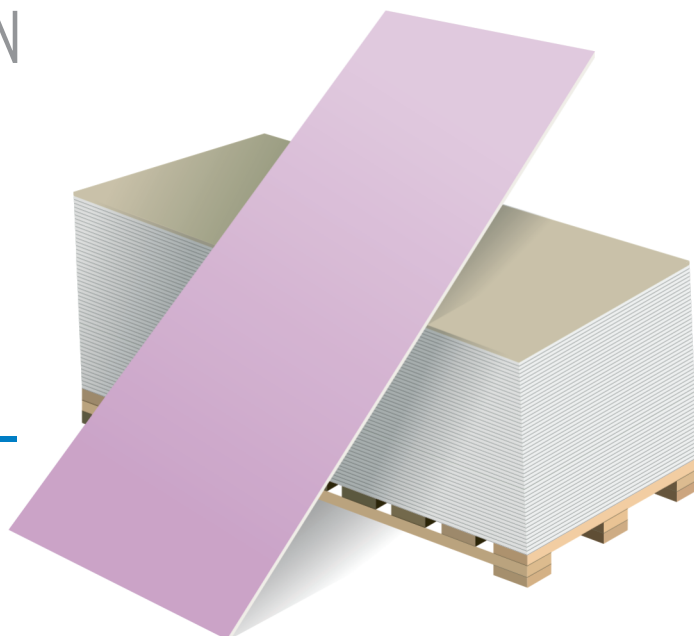


PLASTERBOARDS

TYPE DF, DFH2

EN 520



Product description

Plasterboards

Board type DF – EN 520

Board type DFH2 – EN 520

Gypsum fire resistant plasterboard "VOLMA" is produced according to EN 520. These are boards consisting of a gypsum core reinforced by fiberglass with special additives and sturdy cardboard glued on the both sides. Longitudinal edges are seamed with cardboard.

Transverse edges – just cut.

Cardboard colour – pink. Marking stamp on the back side of the board – red.

Dimensions, Gypsum fiberboard type DF, DFH2

12.5 x 1200 x 2000 mm
12.5 x 1200 x 2500 mm
12.5 x 1200 x 2600 mm
12.5 x 1200 x 3000 mm

Storage conditions:

1. On wooden blocks or pallets
2. On spacers made of gypsum fiberboard

Application:

- Wall partitions with improved fire resistance;
- Interior dry-lining;
- Hung ceiling

Depending on the properties and application of plates they are divided into the following types:

Fire resistant board with the improved open flame resistance, is used for interior decoration of buildings and premises with dry, normal and humid humidity conditions and increased fire hazard.

Moisture and fire resistant board with the decreased water absorption and high open flame resistance. It is used for interior decoration of buildings and premises with dry and normal humidity conditions and increased fire hazard.

Shape of longitudinal edge:

Square edge (SE)



Tapered edge (TE)



Half-round tapered edge (HRTE)



Deviation in dimensions according to EN 520 Width +0/-4mm, Length +0/-5mm, Thickness +0,5/-0,5mm.

TECHNICAL DATA

PLASTERBOARDS TYPE DF, DFH2 EN 520

VOLMA

Regulatory document	EN 520	Plasterboards type DF, DFH2	
Material class	EN 13501-1	A2-s1, d0 (B)	
Density	≥ 700	kg/m³	
Dry weight	≥ 8,9	kg/m²	
Tensile strength	EN 520	≥ 550 (parallel to the direction of production) ≥ 210 (perpendicular to the direction of production)	N
Thermal-conductivity coefficient	EN 12524	λA =0,19; λB =0,21	(watt /m·°C)
U-value		SA= 3,34; SB=3,66	(watt/m²·°C)
Water vapour diffusion resistance factor μ	EN 12524	Dry: 10 Wet: 4	
Type DFH2 Water absorption (general) for 2 h. under water storage		≤10	% by weight
Crystal water content in the core		appr. 16–20	%
Thermal effect border (long-term)		50	°C
pH-value		6-9	---
Air permeability	EN 520	1,4 10 ⁻⁶	m³/(m² with Pa)