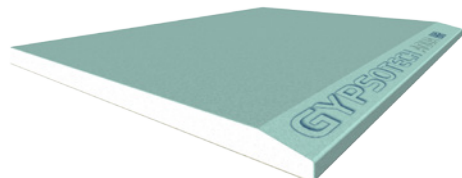


# GYPSOTECH® AQUA TYPE DEH2

## TECHNICAL DATA SHEET

Plasterboard



### Type

Plasterboard (DEH1 according to EN 520) characterized by reduced water absorption capacity (less than 10%) and reduced surface absorption (less than 220 g/m<sup>2</sup>), specifically conceived for environments with special thermo-hygrometric conditions.

### Composition

Sheet of gypsum plaster (Calcium sulphate dihydrate CaSO<sub>4</sub>·2H<sub>2</sub>O) admixed with specific additives and hydro-repellent substances reducing water absorption capacity, sandwiched between two layers of special high-resistance paperboard.

### Plasterboard colour

When applied, the side of the panel that remains exposed is green.

### Use

Suitable to create walls, wall linings and suspended ceilings.

**For correct product application, consultation of the Technical Handbook is highly recommended.**

TECHNICAL FEATURES	AQUA BA 13	AQUA BA 15
DOP Code (CPR 305/2011)	H13-CPR-13-07	H15-CPR-13-07
Type	DEH2	DEH2
Thickness (mm)	12,5	15
Width (mm)	1,200	1,200
Length (mm)	2,000-2,500-2,800-3,000	2,700-3,000
Weight (kg/m <sup>2</sup> )	10.4	12.6
Thickness tolerance (mm)	± 0.5	± 0.5
Width tolerance (mm)	0 / -4	0 / -4
Length tolerance (mm)	0 / -5	0 / -5
Weight tolerance %	± 2	± 2
Out of square (mm/m)	≤ 2.5	≤ 2.5
Flexural breaking load - longitudinal direction EN 520 (N)	≥ 550	≥ 650
Flexural breaking load - longitudinal direction NF 081 (N)	≥ 600	≥ 750
Flexural breaking load - longitudinal direction - real value* (N)	≥ 700	≥ 790
Flexural breaking load - trasverse direction EN 520(N)	≥ 210	≥ 250
Flexural breaking load - trasverse direction NF 081 (N)	≥ 210	≥ 260
Flexural breaking load - trasverse direction - real value* (N)	≥ 300	≥ 440
Reaction to fire (EN 13501-1)	A2-s1,d0	A2-s1,d0
Thermal conductivity λ (W/mK)	0.23	0.23
Water vapour resistance factor dry/wet (μ) EN ISO 10456	10 / 4	10 / 4
Surface water absorption (g/m <sup>2</sup> )	≤ 220	≤ 220
Total water absorption (%)	< 10	< 10
Surface hardness (Ø mark mm)	≤ 20	≤ 20
SL Deformation (mm)	≤ 2.4	≤ 1.9
ST Deformation (mm)	≤ 1.2	≤ 0.9
(*) Production data average value		

### Product standard

EN 520

### Edges of the plasterboard

BA = Tapered Edge

The data contained in this document refer to tests and procedures contemplated by standard EN 520 and by regulation NF 081 for certification (when contemplated). The user must verify the suitability of the product to the foreseen use, taking every responsibility resulting from the use.

Fassa S.r.l. reserves the right to make any kind of changes without notice.