

GYPSOTECH® STD ZERO TYPE A

TECHNICAL DATA SHEET

Plasterboard



Type

Plasterboard (Type A according to EN 520); in particular thanks to the external paper sheet with low heating value, the plasterboard is rated in European reaction to fire class A1. Therefore it can be used in place of a Gypsotech STD board when class A1 is required by specific prescriptions for fire prevention.

Composition

Gypsum core (Calcium Sulphate Dihydrate $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$) with specific additives, embedded between two high-strength special paper sheets.

Plasterboard colour

When applied, the side of the panel that remains exposed is a light ivory colour.

Use

Suitable to create walls, wall linings and suspended ceilings.

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



TECHNICAL FEATURES	STD ZERO BA 13	STD ZERO BA 15
DOP Code (CPR 305/2011)	AZ13-CPR-13-07	AZ15-CPR-13-07
Type	A	A
Thickness (mm)	12.5	15
Width (mm)	1,200	1,200
Length (mm)	3,000	3,000
Weight (kg/m ²)	9.6	11.6
Thickness tolerance (mm)	± 0.4	± 0.4
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)	≥ 630	≥ 780
Flexural breaking load - transverse direction EN 520(N)	≥ 210	≥ 250
Flexural breaking load - transverse direction NF 081 (N)	≥ 210	≥ 260
Flexural breaking load - transverse direction - real value* (N)	≥ 250	≥ 350
Reaction to fire (EN 13501-1)	A1	A1
Thermal conductivity λ (W/mK)	0.23	0.23
Water vapour resistance factor dry/wet (μ) EN ISO 10456	10 / 4	10 / 4
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.