

THECNICAL DESCRIPTION OF AUTOMATIC ACCESS PANEL AND ITS MATERIALS

The Automatic Access Panels are classified according to the EN13964:2014 norm, and made of the following materials:

A GYPSUM PLASTERBOARDS MOISTURE RESISTANT

Gypsum plasterboards with water repellent additives in the core combined with silicone in order to reduce the water absorption. Laminated with a special light green paper board on the facing surface and greyish green on the back. The access panels can have a thickness of 13mm or 15mm.

A1 APPLICATION

Ideal for construction application systems in very humid places, and extreme hygrometric areas.

A2 TECHNICAL CHARACTERISTICS

- Water absorption on immersion → <5% in weight
- Water superficial absorption → <180 g/m²
- Paper board on the face surface → light green
- Paper board on the back → grey
- Coef. of thermal conductivity → 0,25 W /mK
- Designation → H1 type (EN 520)
- Width → 1.200 mm
- Fire Reaction → A2-s1-d0
- Water vapor resistance (μ) → 10 (EN 12524)
- Bead kind longitudinal → square (BC)
- Bead kind transversal → square(BC)

MEASURES *		OPENING Ceiling/wall		OPENING Free		Pesos
x	y	x	y	x	y	Kg
550	550	555	555	550	550	8,40

*We also manufacture special measures from 550x550mm (on demand)

Fire reaction : A2 - S1 - d0, as norm (EN 13501-1:2004)



B ALUMINIUM FRAME STRUCTURE

The whole structure of the access panels is made with a 1.5mm thickness raw aluminium frame.

B1 MECHANICAL TECHNICAL CHARACTERISTICS (EN 755-2 norm)

Elasticity Limit Rp (Mpa)	Traction resistance Rp (Mpa)	Elongation A(%)	Minimum Hardness (Hb)
150	190	8	70



B2 SPECIFIED CHEMICAL COMPOSITION (EN 573-3)

	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	XX
Min.	0.30	0.10	0.00	0.00	0.35	0.00	0.00	0.00	-----
Max.	0.60	0.30	0.10	0.10	0.60	0.05	0.15	0.10	0.15

C GALVANIZED SHEET ACCESSORIES

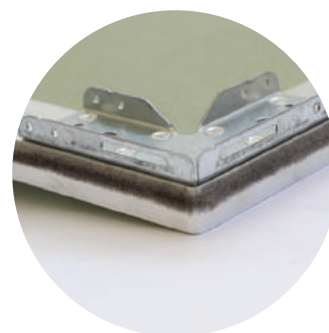
All accessories of the access panels are made of galvanized sheet, as the squares (bonding elements of the aluminium frame) locks, etc...

C1 GALVANIZED SHEET CHARACTERISTICS (EN 10204 /DIN50049/ISO 404)

- Quality.....**DX 51 D+Z I 40 NA O**
- Coatings.....140 (g/m²) (EN 10346:2009 norm)

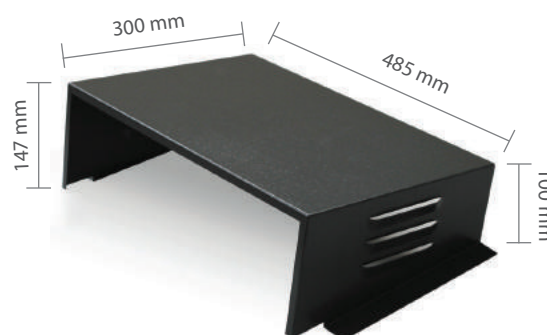
D AIR AND LIGHT ISOLATION TAPE

The isolation tape is a fine film applied between the aluminium structures of the access panels. This material avoids light and air from passing through.



E SUPPORT FOR IMAGE PROJECTOR (Optional)

The projection supports allow to fix, at choice, various image projection devices. They are made of electro-galvanized steel 1mm thick. They have a thermo lacquered finish with RAL 7011 (dark gray), which gives them a robust and more resistant appearance.



E2 PLATE ELECTROZINGUEE CHARACTERISTICS

- Quality **DC01+ZE25/25 A PC**
- Coatings25/25 (2,5/2,5) microns



F MOTOR

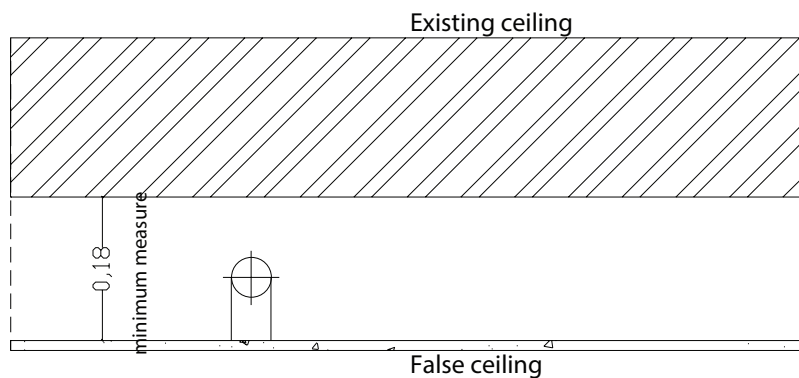
Programmable Tubular Motor

Voltage / frequency	230V~/ 50Hz
Electric current	0,64A
Power	121 W
Rotate speed	15 rpm
Torque	13 Nm
Insulation class	F
Protection	IP44
Noise level	<45dBa
Motor diameter	35 mm
Motor weight	2,2 Kg
Weight supported	28 Kg



F1 ENGINE ACCESSORIES

- Remote control
- Wall switch (optional)



All materials are of high quality, duration, non oxidation and resistant to the thermal humidity factor.

