

TECHNICAL DESCRIPTION OF THE PPM/WA TVS ACCESS PANELS AND ITS MATERIALS

The PPM/WA TVS 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 and 15mm.

A1 APPLICATION

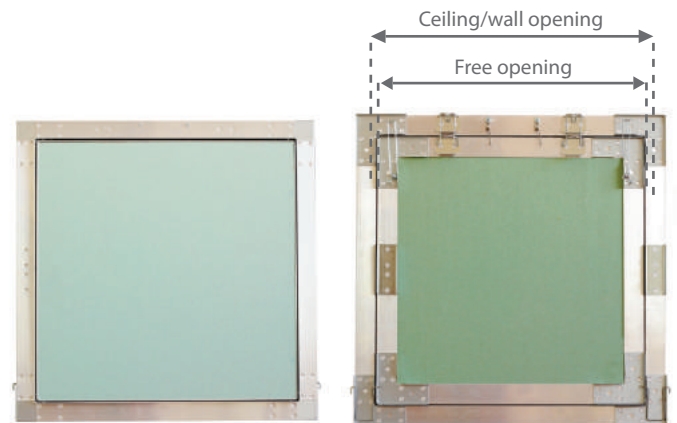
Ideal for construction application systems in very humid places, and extreme hygrometric areas.

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 Standard		OPENING Ceiling/Wall		OPENING Free		WEIGHTS Kg	
x	y	x	y	x	y	13mm	15mm
200	200	205	205	200	200	1,20	1,40
300	300	305	305	300	300	1,80	2,00
400	400	405	405	400	400	2,60	3,00
500	500	505	505	500	500	3,80	4,20
600	600	605	605	600	600	5,20	5,80

*We also produce special measures (on demand)



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

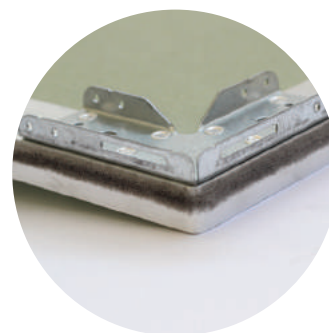
All accessories of the access panels are made of galvanized sheet, as the squares (bonding elements of the aluminium frame) locks, etc...

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.



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