

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

The PPM/WA TVS TWO BOARDS panels are classified according to the EN13964:2014 norm, and made of the following materials:

A GYPSUM PLASTERBOARDS MOISTURE RESISTANT

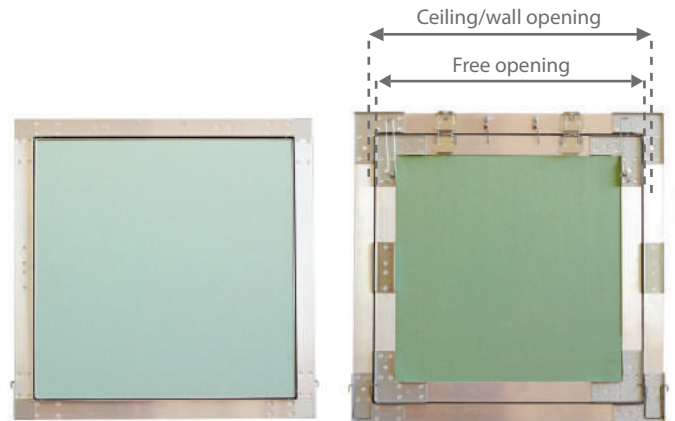
Gypsum plasterboards with water repellent additives in the core combined with silicone in order to reduce the water absorption. Laminated with a special light green paper board on the facing surface and greyish green on the back. These access panels are made of two boards (13mm or 15mm).

AI 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)



B ALUMINIUM FRAME STRUCTURE

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

BI 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 140 NA O**
- Coatings.....140 (g/m²) (EN 10346:2009 norm)

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

