

Tectopanel

Description: 12.5/9.5 x 600/300 x 600/1200/2400 mm high grade, glass fibre reinforced, acoustic gypsum boards with acoustic perforation

as **Tangent - oval 14x4mm c/c 20mm/10mm type**

or **Micro - square 3x3mm c/c 8,33mm type M**

or **Quadril - square 12x12mm c/c 30mm type Q**

or **Globe - round Ø6mm c/c 15mm type G**

or **Regula - plain unperforated**

Tectopanel shall be installed by screw fixing integrated in gypsum wall/ceiling and drywall structures on standard 25 mm furring channels fixed on main profiles.

The Tectopanel is with edge B, and shall be painted on site with standard emulsion paint using short piled paint rollers. The Tectopanel is furnished with a grey (white) absorbent felt backing with an airflow resistance of 330-460 Ns/m³ (DIN 53887).

Colour: Unpainted, to be painted after installation to desired color.

Acoustic properties:

Globe: α_w : 0.65; NRC: 0.70

Quadril: α_w : 0.65; NRC: 0.70

Micro: α_w : 0.65; NRC: 0.65

Tangent: α_w : 0.95; NRC: 0.90

Installed on 45mm wooden furring and with 50mm mineral wool

Fire Class: Full-perforated: A2-s1, d0

Part-, non-perforated: A2-s1, d0

Suspension: To be standard galvanised metal furring system, or drywall structure based on studs and runners.

Characteristics: The panels shall be:

- Manufactured from high grade non-combustible glass fibre reinforced gypsum



board produced according to EN 520.

- Tested to meet the safety requirements of EN 14190.
- Tested in accordance with EN 13501-1 to achieve minimum fire classification B-s1,d0.
- Resistant to 90% RH and short term exposure for higher humidity.
- 9.2kg/m² average weight.
- Non hazardous and fully recyclable.