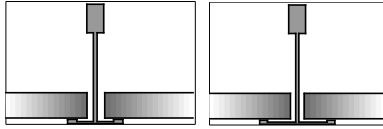


Ceiling Tile Specification Doc



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- Description:** 6.5/9.5/12.5 x 600 x 600/1200 mm, high humidity resistant lay-in type, made from special high grade, glass fibre reinforced gypsum. The tiles are machine-laminated with foil (PVC-free) on the face side, and red polyethylene (PE) foil backing on the reverse side. The tiles are with edge A and are to be installed in exposed T-suspension.
- Colour:** Ultra White
- Lamination:** Pre-impregnated foil
A scratch resistant and light resistant surface that is flexible and resistant to chemicals.
Gloss rate: Approx 10 at 60°.
Light Fastness: >6 (DIN 54004).
Light Reflection: 86.3%.
Chemical resistance: tested in accordance with DIN 68 861, FIRA BS 3962, NEMA LD-3-1991.
- Acoustic properties:** Regula: α_w : 0.05; NRC: 0.05
- Fire Class:** Non-perforated: B-s1,d0
- Suspension:** The 15mm or 24mm T-grid suspension system from approved manufacturers consists of 38mm main runners, 38mm cross tees and wall angles as per technical drawings for ceiling details. All visible surfaces painted in white colour and installed as per manufacturers recommendation.
- Characteristics:** The tiles 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.
 - Non hazardous and fully recyclable.
- Maintenance:** The tiles shall be cleaned using the following processes:
- Vacuum clean with a soft brush attachment to remove dust. Dirty surfaces should be wiped off with a damp cloth, using mild detergent if necessary.
 - Stronger cleaning agents may be used where necessary to remove stubborn marks.
 - Damages and scratches are difficult to repair and therefore it is recommended to replace damaged tiles with new.