

Snazz Slate Tile

FIRE RATED GYPSUM BOARD

www.anutone.com/slatetile.htm

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Key Attributes

Slate is Anutone's new range of gypsum-based products for seamless acoustics imparting snazzy aesthetics to contemporary interiors. AnutoneSlate is Anutone's answer to the title of Robert Apfel's book, 'Deaf Architects & Blind Acousticians'!

Slate Tile is a non-perforated gypsum tile for a continuous ceiling.

Typical Applications

Slate Tile is used in spaces that have very high aesthetic requirements and some sound reinforcement.

Typical applications include

- Offices - reception and corridor ceilings
- Auditoria - lobby and main hall ceiling
- Mall - atrium and corridor ceilings
- Hotels - lobby and corridor ceilings
- Public spaces - council halls & art galleries

Aesthetics

Slate Tile boasts edges that can either be camouflaged in an exposed Skelet T-system or seamlessly jointed with a concealed Strut C-system.

For Skelet installations the edges are either Regular, Steppe or Steppe Chamfered. For seamless joints the edges are either Chamfered or Tapered.



Visual Variants

The visual variants for Slate Tile are realised when they are insitu sprayed in a range of colours. Factory-finish is in white for neutral ceilings like offices and malls.

Options for tile effect include T-system or the edges separated by a 4-6 mm gap to create natural grooves.

Options for seamless finish include taping and jointing.

Design Considerations

Slate Tile must be designed with other Snazz tiles like the Full series - Sircles etc - and / or the Semi series - Sky - for both aesthetics and acoustics purposes.

Slate Tile must be designed for areas where Snazz Full and Semi cannot be used

- cut sizes on ceiling perimeters, corners etc
- fixtures - luminaires, speakers, fire safety, LAN antenna

Slate Tile with Normal edge must never be designed to be butt jointed, if exposed (on Strut).

Slate Tile must not be designed for damp spaces.

Features

- Volume Density - 800 kgs/m³
- Surface density for 12.5mm - 10 kgs/m²
- Size - Width 595 mm; Lengths 595 / 1195 mm
- Thickness - 12.5 / 15 mm
- Custom sizes - As required
- Conforms to ASTM C1396
- Classification - as per ASTM E1264 - Type XX; Pattern G

Accessibility

Slate Tile in Skelet T-system makes it modular and dismantable for plenum access to services in the ceiling void.

Slate installed on Strut C-system requires unfastening and refastening of Stitch. Fastener heads can be camouflaged with Seam.

AnutoneSseries

- Skelet T-system for ceilings - exposed grids
- Strut C-system for ceilings - concealed
- Stitch mechanical fasteners

Tech Performance

- Ignitibility - 'P' - BS 476 Part 5
- Surface Spread - Class I - BS 476 Part 7
- Thermal Conductivity - 0.16 Wm/k - IS 3346
- Sound Reinforcement - 90%
- Ceiling Attenuation - Good
- Light Reflectance > 90%
- RH Resistance > 90%
- Sag Resistance - Good

Logistics

| Item (mm) | Nos./ carton | Ctn wt (kgs) | Carton size |
|---------------|--------------|--------------|-------------------|
| 595x595x12.5 | 6 | 22 | 600 x 600 x 78mm |
| 595x595x15 | 5 | 22 | |
| 1195x595x12.5 | 6 | 44 | 1200 x 600 x 78mm |
| 1195x595x15 | 5 | 44 | |

SKU - 1 carton

Economics

Slate 12.5 mm on Strut C-system is technologically economical for the lifecycle cost of the system.

Warranty

10 years Surety - limited warranty - on the assembled system when installed by Struct's Scaff to Absol's specifications and maintained under the Sentry AMC programme.

Site Considerations

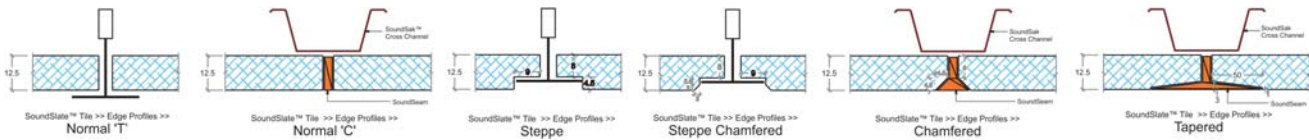
Slate Tile must be stored on a flat surface and must not come in contact with water. Installation surfaces must be dry and level. Slate Tile can be touch painted post-installation.

Acoustical Parameters

NOTE - Anutone's Totel™ has the capability, expertise and own infrastructure to perform custom acoustics tests for given design as per ISO 354 at its Scans lab and provide acoustic values of Slate Tile specific to installations.

Installation Guidelines

Edge Profiles



Ceiling (E300 mounting on AnutoneSkelet)

Scope - Selec's protocol performing to acoustical requirements conforming to international standards consisting of Design, Supply, Build scope of Slate Tile as designed and supplied, per approved drawings and specifications.

Framework - Skelet T-System, consisting of Main and Cross Tees interlocked at 600 mm centres. Acoustical panels - Slate Tile painted to choice colour; Size 595x595 mm; Thickness 12.5 mm; Edge profile - Normal / Steppe.

Ceiling (C50 mounting on AnutoneStrut)

Scope - Selec's protocol performing to acoustical requirements conforming to international standards consisting of Design, Supply, Build scope of Slate Tile as designed, manufactured and installed, per approved drawings and specifications, by Anutone Acoustics Limited, an ISO 9001 2000 company.

Framework - Strut C-System, consisting of MC45 fixed at 1200mm centres and CC25 fixed at 600mm centres, using standard accessories. Acoustical infill - Synth PF 10x50 is friction-fitted between the Strut. Acoustical tiles - Slate Tile; Size 595x595mm; Thickness 12.5 mm; Edge profile - Normal / Tapered; installed on the Strut with Stitch. Fastener heads are camouflaged with Seam. Joints and finish - Seam for Normal edge; Seam-Strap-Seam for Tapered edges.

References

For the latest update on our projects list please visit www.anutone.com/references.htm

Custom Methodology

The installation of Slate Tile can be custom-designed by Totel™, supplied by Anutone and installed by Struct™ to suit specific or special project requirements. The methodology includes the entire value-chain - site evaluation, criteria definition, noise spectra capture, design optimisation, system specs, systems engineering & integration, project management, acoustic testing & site validation.

Ordering Information

Acoustical application, Installation application, Dimensions, Edge Profile, Framework, Jointing Compound, Acoustic Infill, Packing.



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