

LuxTuff™



Glass Tissue Faced Gypsum Ceiling Panel

Technical Data sheet

ASONA

Description.

Asona LuxTuff™ is a made in NZ mat white acoustical glass tissue faced gypsum ceiling panel. LuxTuff™ provides the clean white aesthetic of soft fibre ceilings but with the robust durability, noise attenuation and fire resistance of gypsum.

Application.

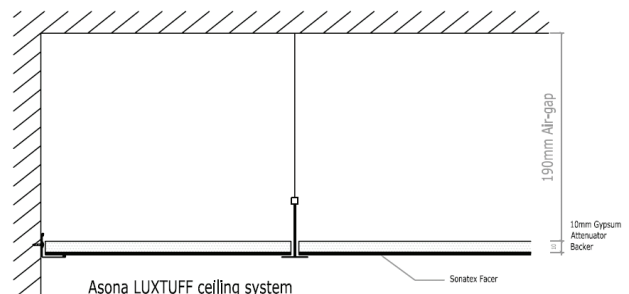
LuxTuff™ is ideal as an economical mat white ceiling in shops, café's, show rooms, clinics, corridors etc.

Composition.

Manufactured from Sonatex™ 180 glass tissue facer laminated to a high density gypsum panel. Available with optional vinyl backer for control of water damage from condensation or leaks. Service panels available with PF strippable plastic film facer.

Benefits.

- Clean mat white acoustic tissue laminate finish
- Economical alternative to imported tissue faced rock wool panels
- Durable high density gypsum core is chip and crack resistant and can support light fixtures up to 1.5 kg
- Easy to trim and install, saves costs on site
- STC 19, helps attenuate transmitted noise
- Made in NZ, short lead times vs. imports



Technical Specifications

Item #	Size (nominal) *	Edge
AC11034A	10 x 600 x 1200 mm	Square
AC11034A-Vinyl back	10 x 600 x 1200 mm	Square
AC11034A-PF face	10 x 600 x 1200 mm	Square

Sound Absorption Rating: LuxTuff αW 0.15; NRC 0.05 per ASTM C423, ISO 354 E-200 Test report T0516-1, STC 19dB

Hz	125	250	500	1000	2000	4000
αp	0.20	0.05	0.05	0.05	0.10	0.10

Accessibility:

All panels are demountable and accessible

Back loading:

Max. 1.5 kg/m², heavy light fixtures shall be independently supported.

Colour:

White, other colours and custom design prints to order

Environmental impact:

Manufactured locally, low embodied energy, product and packaging can be reused/recycled in NZ.

Fire Reaction:

AS1530 pt 3.
Smoke developed 5, spread of flame 0.

Humidity:

Max 80% R/H at 30°C. Vinyl backed max 90% R/H

Light reflectance:

ASTM C1477 LR-1, >75%

Maintenance:

Clean with vacuum, soft brush or damp cloth. Re-surfacing of panels available, consult Asona.

NZ Building Code:

Clause B2—durability, 5 years

Service Panels:

Available with protective plastic film covering to help keep panels cleaning during the construction phase.

Thermal Resistance:

R 0.1 m²°C/W

Weight:

7.5 kg/m²

Installation:

Shall not commence until the building is water tight and dry. Light fittings over 1.5kg shall be independently supported, use hold down clips in seismic areas.

Specification:

Ceiling system shall be Asona LuxTuff™ glass tissue faced gypsum ceiling panels manufactured by Asona Ltd AKLD, Tel: 09 525 6575, Fax: 09 525 6579, # (), module 1200 x 600, 10 mm thick, NRC 0.05, STC 19dB, colour white, installed panels on T24 two way exposed suspension system, secure with 2 x hold down clips per panel. Service panels shall be supplied with protective strippable plastic film.

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