

# Triton/TFX™ system 1200

## High Sound Absorbing Ceiling with Matching Grid

### Technical Data sheet



asona

#### Description.

Triton/TFX™ system 1200 is a proprietary high sound absorbing accessible ceiling system with large 1200 x 1200 mm panels supported on matching finish tissue faced TFX grid designed to camouflage the grid lines for a clean monolithic aesthetic.

#### Application.

Triton TFX™ is ideal for use in offices, call centres, libraries, galleries, showrooms etc to control reverberation and background noise levels.

#### Composition.

Triton panels manufactured from Sonatex™ composite facer panel laminated to a 48 kg/m<sup>3</sup> bio-soluble glass fibre absorber. TFX suspension grid from galvanised steel coated with matching Sonatex tissue face. Made in NZ, short lead times.

#### Benefits.

- High sound absorption system,  $\alpha_w$  1.0, NRC 0.95
- Matching mat white Sonatex finish to grid and panels helps camouflage the grid lines for a clean monolithic aesthetic
- Durable Sonatex composite facer resists damage from moderate impact; chip, crack, puncture resistant.
- High light reflectance, dimensionally stable, easy to install
- Removable plastic film option, ideal for M/E service panels



#### Technical Specifications

Item #	Size (nominal) *	Edge
AC32544A	25 x 1200 x 1200 mm	A / Square

\* Others sizes to order, 50 or 75 mm thick, width 1200 mm, length to 2400 mm ie: corridors, span between beams etc

Sound Absorption Rating:						
$\alpha_w$ 1.0; Class A; NRC 0.95 per ASTM C423 ISO 354 E-200, Test report T0405-05						
Hz	125	250	500	1000	2000	4000
$\alpha_p$	0.55	0.85	1.00	0.95	1.00	1.00

#### Accessibility:

All panels are demountable and accessible

#### Back loading:

M/E services shall be independently supported.

#### Colour:

White, other colours to order

#### Environmental impact:

From 60% recycled local content, low embodied energy, product and packaging can be recycled in NZ.

#### Fire Reaction:

AS1530 pt 3.

Smoke developed 3, spread of flame 0.

#### Humidity:

Non hydroscopic, dimensionally stable, resists fungi and stains  
Max 95% R/H at 45°C.

#### 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

#### Patent Pending:

NZP531386

#### Service Panels:

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

#### Thermal Resistance:

R 0.7 m<sup>2</sup>°C/W

#### Weight:

1.5 kg/m<sup>2</sup>

#### Installation:

Shall not commence until the building is water tight and dry. Light fittings shall be independently supported, use hold down clips in areas of wind uplift. It is recommended that air grilles be installed in the ceiling to balance air pressure differentials. Do not use in ceilings with negative air return plenums unless encapsulated option specified.

#### Specification:

Ceiling system shall be Asona Triton TFX 1200 composite acoustical ceiling system manufactured by Asona Ltd Tel: 09 525 6575 Fax: 09 525 6579, panel #AC32544A, sound absorption Class A,  $\alpha_w$  1.0, NRC 0.95, thermal insulation R0.7, colour white, with proprietary colour/texture matched TFX glass tissue faced two way exposed suspension system. Supply service panels with protective strippable plastic film facing.

#### Asona Ltd

P.O Box 96-241 Balmoral,  
Auckland, New Zealand  
Sales Tel: 021 50 57 40  
Email: info@asona.co.nz  
Web: www.asona.co.nz

#### Factory:

5B Monier Place  
Mt Wellington  
Auckland, New Zealand  
Tel: (09) 525 6575  
Fax: (09) 525 6579

© Copyright ASONA Ltd 2007

Asona, Triton TFX 1200, Sonatex, TFX are trade marks of Asona Ltd  
All dimensions are nominal. Asona Ltd reserves the right to change specifications without notice.  
Ref. Triton TFX -0703