

Asona Triton Image™

Digital Printed Acoustical Ceiling Panel

Technical Data sheet



asona



Gypsy Tea Rooms wine bar with Triton Image 1700 x 865 mm custom print panels.

Description:

Triton Image™ is a proprietary digitally printed high sound absorbing ceiling panel designed to provide a unique acoustic finish to ceiling. Develop by Asona Ltd to take advantage of digital printing techniques on it's Sonatex™ glass mat composite facing. Endless design possibilities are achievable from simple wood textures to photographic reproductions

Triton Image™ can be printed with your own art work or alternatively Asona can make up art to suit your design brief or provide standard patterns, consult Asona Ltd.

Application:

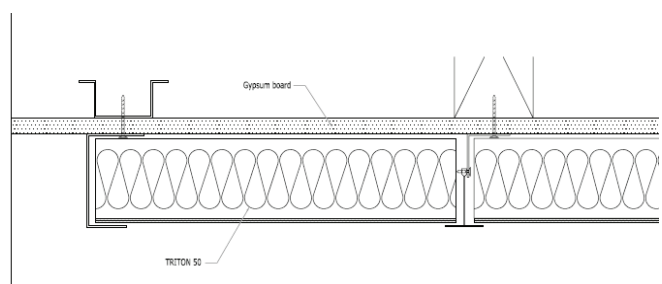
Ideal for restaurants, bars, entertainment facilities, retail, public buildings, reception areas etc
Also used as an acoustic advertising/ marketing media.

Composition:

Manufactured in NZ from printed fire resistant Sonatex™ facer laminated to a bio-soluble resin bonded glass fibre sound absorber board.

Benefits:

- Provides architects and interior designers with the ability to create custom ceiling finishes at a reasonable price
- High sound absorption, NRC 0.95 to reduce background noise levels and reverberation for quiet comfort.
- Available as lay in ceiling panels or as direct fix sheet linings up to 2400 x 1200 mm size.
- Dimensionally stable, non combustible materials.
- Made in NZ, short lead times, custom capability.



Triton Image™

Digital Printed High Sound Absorbing Ceiling



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Wintec Library, Hamilton. Triton Image 2400 x 1200 x 50 mm panels on TFX tissue faced grid. Panels printed with a bush vine image running across ceiling and down the bulk head

Slots

Technical Specifications

Colour:

Digital printed with UV stabilized inks on white Sonatex glass mat composite facing.

Cleaning:

Clean with vacuum, soft bristled brush or damp cloth.

Fire Reaction:

AS1530 pt 3.

Spread of flame 0, Smoke developed 5

Installed conditions:

10°C to 45°C. Max 90% R/H

NZ Building Code:

Clause B2—durability, 5 years

Size:

Thickness: 25 mm or 50 mm

Width: Max. 1200 mm

Length: max. 2400 mm

Sound Absorption:

25 mm—NRC 0.95 with 200 mm plenum, NRC 0.70 with direct fix to substrate

50 mm—NRC 1.00 with 200 mm plenum, NRC 0.85 with direct fix to substrate

Thermal Resistance:

R 0.7 m²°C/W

Weight:

1.5 to 3.5 kg/m²

Patent Pending:

NZP531386

Installation:

Shall not commence until the building is water tight and dry. Light fittings shall be independently supported. Lay in panels for exposed grid systems shall have 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.

For direct fix panels a timber or TFX grid cover batten is required over panel joints.

Specification:

Supply and install Asona Triton Image™ digital printed high sound absorbing (ceiling) (wall) finish, colour and pattern per approved sample. Manufactured and installed by Asona Ltd. Auckland, Tel: 09 525 6575, Fax: 09 525 6575.

Support panels on TFX tissue faced grid system.

Asona Ltd

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All dimensions are nominal. We reserve the right to change specifications

Ref. Image™ 0805