

Fabric Wrapped High Sound Absorber Panel

TRITON FABWALL™



Description

Triton Fabwall™ is a high sound absorbing fabric wrapped acoustic wall panel designed to provide an attractive finish and control unwanted noise.

Features and Benefits

- High sound absorption rating, NRC 0.85 to NRC 1.00
 - Provides a soft decorative finish to interiors
 - Rich pallet of fabric finishes, textures and colours
 - Durable resilient composite construction
 - Pre-fabricated for fast installation on site
 - Standard and custom sizes
 - Fire safe glass fibre core, will not melt and fall off wall in the event of a fire like foam or polyester panels
- *GreenTag certified / Level A (Sonatex, Frameless, Aluminium Edge), Level C (Beehive & Woven Image fabric ranges only).

Installation

Triton Fabwall panels are a finishing trade, installation shall not commence until the building is water tight and all work such as plastering, concrete, masonry, carpentry, painting is complete and site free of dust and debris. Not for high impact prone areas, consult USG Boral for impact resistant acoustic panels options.

Sound Absorption Ratings

'A' Mounting per ASTM C423, ISO 354, Test reports T0609-1,2,3,4,5. T0619							
Panel	Hz	125	250	500	1000	2000	4000
Fabwall 25	αp	0.15	0.35	0.85	1.00	1.00	1.00
Fabwall 40	αp	0.30	0.70	0.90	1.00	1.00	1.00
Fabwall 50	αp	0.35	0.85	1.00	1.00	1.00	0.95
Fabwall 75	αp	0.60	1.00	1.00	1.00	1.00	1.00
Fabwall 100	αp	0.90	1.00	1.00	1.00	1.00	0.90
Fabwall 150	αp	1.00	1.00	1.00	1.00	1.00	0.85
100 Bass *	αp	0.90	0.75	0.445	0.25	0.20	0.30

Applications

Triton Fabwall 25™ NRC 0.85, for small rooms

Triton Fabwall 40™ NRC 0.95, best for medium sized rooms

Triton Fabwall 50™ NRC 1.00, best for office, school, libraries

Triton Fabwall 75™ 100, 150 best for maximum sound absorption from low to high frequency, large volume spaces

Triton Fabwall 100™ Bass, designed for low frequency absorption

Composition

Manufactured in NZ from bio-soluble resin glass fibre absorber with impact resistant Sonatex™ 250 kg/m³ composite interlayer, resin reinforcement and wrapped in a decorative fabric finish.

Product Data

Sizes:

Absorber Thickness: 25, 40, 50, 75, 100, 150mm

Panel Width: 100 to 1200mm

Panel Length: 100 to 3000mm

Special sizes available to order, consult USG Boral

Fabric Finishes:

Standard polyester fabric finish, wool, ecowool, hemp/linen other fabrics available to request. Fabric selection may affect fire & acoustic performance, contact USG Boral for advice.

Environmental Impact:

Core from 80% recycled local glass waste. Product can be renewed. Low VOC. <0.05

Humidity:

Panel non hygroscopic, dimensionally stable, Max 90% R/H at 30°C. Refer specified fabric for limiting conditions

Mounting System:

Proprietary concealed Z bar and exposed panel bracket or direct fix with adhesive

Maintenance:

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

Warranty Period:

5 years

Weight:

2.5 - 4.5kg m²

Tolerances:

Less than -3 mm

Fire Reaction

Standard	Flame Spread	Smoke Developed
ASTM E84	<25	<50
AS/NZS 3837	Group Number Classification: 1 unsprinklered	
ISO 5660 Parts 1 & 2	Group Number Classification: 1 - S	
	Group 2 >250 ² /kg GH5019 / 450 gsm woven polyester	
	Group 2S >250 ² /kg GH5320-4 / 370 gsm woven wool	
	Group 1S >250 ² /kg GH5329-5 / 120 gsm hemp linen	
	Group 1S >250 ² /kg GH5020 / 475 gsm woven glass fabric	
Fabric selection may affect fire & acoustic performance. For more information on group 1, 1S, 2, 2S, 3 consult USG Boral.		