

NOISEMONSTER™

— sound to silence acoustic panels

FabWall™

Stretch Acoustic Panels



BROADCAST & SOUND STUDIOS



OFFICES & BOARD ROOMS



AUDITORIUMS & CINEMAS



SCHOOLS & UNIVERSITIES



MUSEUMS & LIBRARIES



HOSPITALITY

prodotto
MADE
IN
ITALY
artigianale

NEW
DESIGN
2023

SMART PANELS FOR SMART PEOPLE

www.noisemonster.it

1.1 The FabWall™ Track System

The FabWall™ track system includes two types of track pieces: **Perimeter Tracks** for outside edges and **Mid-Wall Tracks** for joining two sections of panelling together. Both of these track types accommodate heavy fabric types. The durable track is built from recyclable PVC or recycled uPVC, and can be cut to size if needed. Light and dark colour options are also available for the track itself, so the track edges can blend seamlessly with the chosen fabric and surrounding décor.



1.2 The FabWall™ Track System

TECHNICAL SPECIFICATION

STRUCTURE

FabWall™ Tracks

MATERIAL

Polymer

FINISHING

Acoustic Fabric

STANDARD DIMENSION

Customisable

FABWALL™ TRACKS DIMENSION

2000mmL

FABWALL™ TRACKS THICKNESS

2mm

TOXICITY EMISSION TEST

BS 6853 Annex B = R < 1.0

FIRE-RATED TEST

EN 13501-1 = Class B

SMOKE DENSITY TEST

EN 13501-1 = s1 d0

FIRE SPREAD TEST

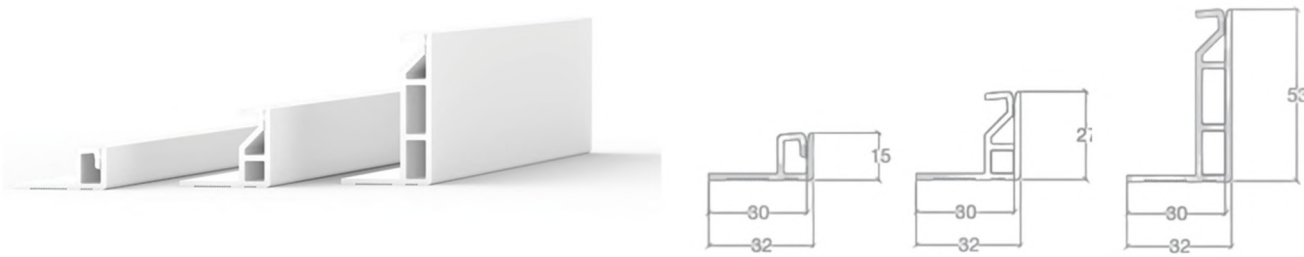
EN 13501-1 = Class 0
(self-extinguishing)



1.3 The FabWall™ Track System

MID-WALL TRACKS - SQUARE EDGE

Mid-wall tracks join the fabric to create a seam. The fabric sits tightly in between the teeth of the track. The teeth are serrated downwards to keep the fabric from slipping out. The track features an anti-warp feature to prevent an imprint on the fabric, and also an anti-slip feature to adhere better to surfaces. Taller tracks have additional support structures added to reinforce stability.



INSTALLATION



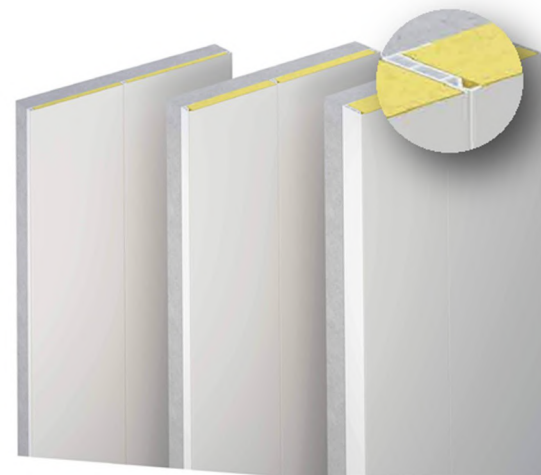
Apply adhesive onto the bottom surface of the tracks and screw or nail them onto the wall.
Cut the ends of the tracks that meet adjacent tracks at an angle.



Install the FabWall™ Core Panel within the areas encased by the tracks.
Secure the core panel with adhesive.



Install the fabric into the teeth of the track with a mallet and putty knife.
Trim off the excess fabric and tuck in any loose fabric or thread.



1.4 The FabWall™ Track System

PERIMETER-WALL TRACKS - SQUARE EDGE

Perimeter-wall tracks terminate the fabric at perimeters. The fabric sits tightly in between the teeth of the track. The teeth are serrated downwards to keep the fabric from slipping out. The track features an anti-warp feature to prevent an imprint on the fabric, and also an anti-slip feature to adhere better to surfaces. Taller tracks have additional support structures added to reinforce stability.



INSTALLATION



Apply adhesive onto the bottom surface of the tracks and screw or nail them onto the wall.
Cut the ends of the tracks that meet adjacent tracks at an angle.



Install the FabWall™ Core Panel within the areas encased by the tracks.
Secure the core panel with adhesive.



Install the fabric into the teeth of the track with a mallet and putty knife.
Trim off the excess fabric and tuck in any loose fabric or thread.



2. The FabWall™ Core Panel

NOISEMONSTER™ HIGH DENSITY

POLYESTER / FIBERGLASS ACOUSTIC CORE

NOISE REDUCTION COEFFICIENT: **1.05**

DIMENSIONS:

Width: 1000mm or custom

Length: 2000mm or custom

Thickness: 20mm / 30mm / 50mm



2.1 The FabWall™ Core Panel

TECHNICAL SPECIFICATION

NOISEMONSTER™ HIGH DENSITY

POLYESTER / FIBERGLASS ACOUSTIC CORE

COMPOSITION	100% High Density Fiberglass
SOLUBILITY	Low in some chlorinated solvents
THICKNESS	50 mm
FIRE RETARDANT	Class 1 Fire Rated / BSI - B,s2 - d0 / ASTM-E-84
DROPLETS	None
FIRE EXTINGUISHING METHODS	CO ₂ , Fire extinguishing foam, water
DANGEROUS DECOMPOSITION PRODUCTS	None
CONDITIONS TO AVOID	None
HANDLING AND STORAGE PRECAUTIONS	None
DENSITY	7 Lbs / Cubic Foot 112 kgs / M3

2.2 The FabWall™ Core Panel

ACOUSTIC PERFORMANCE

NoiseMonster® 50mm High Density Polyester / Fiberglass

Acoustic Core

Test Report No. ODL132
Date: 04/06/19

Frequency (Hz)

400	0.8
500	0.9
630	0.95
800	0.96
1000	1.02
1250	1.13
1600	1.12
2000	1.14
2500	1.1
3150	1.06
4000	1.13
5000	1.2
6300	1.08

Acoustic Absorption

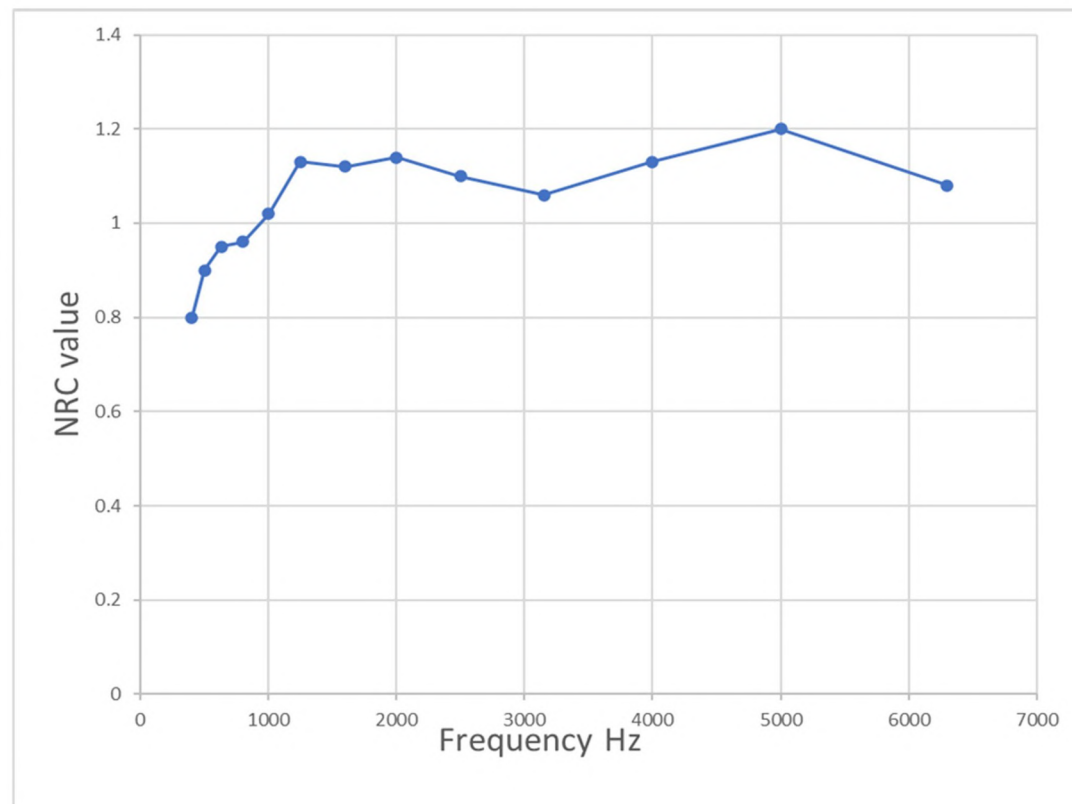
Alpha Cabin 1.2 m2

Specimen:

Noise Monster
Broadcast Studio Panel

NOISE REDUCTION COEFFICIENT

1.05



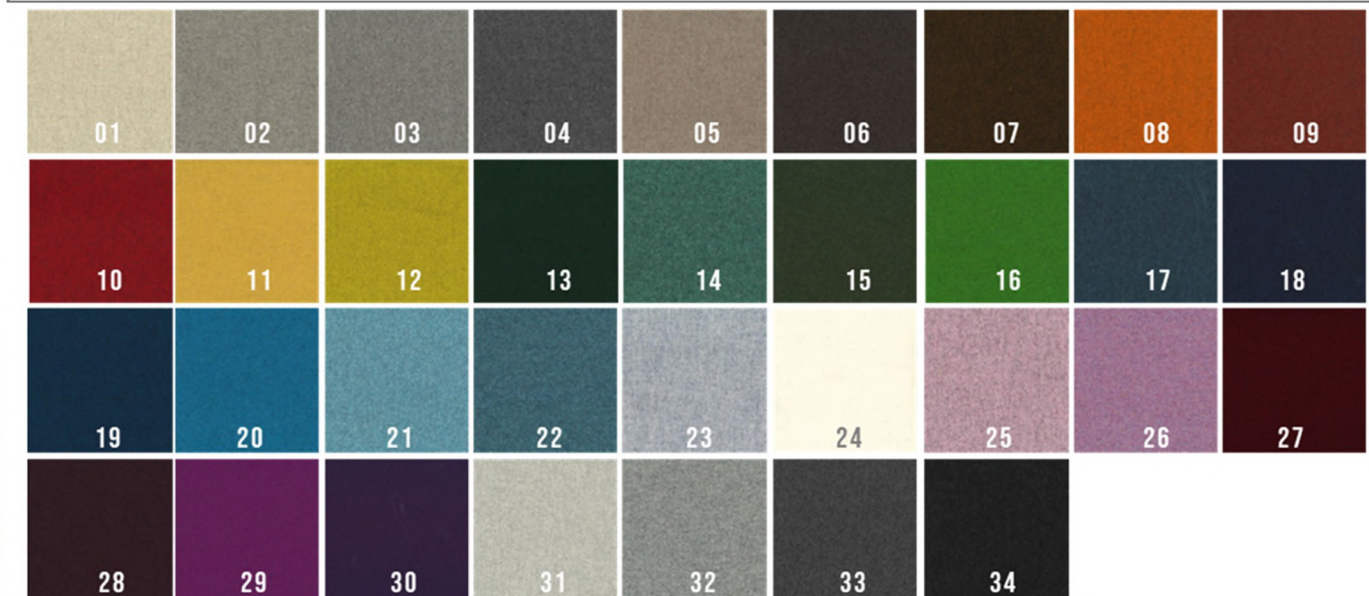
3.1 The FabWall™ Acoustic Fabrics

NOISEMONSTER™ UNICOLOUR WOOL FABRIC

100% recycled and 100% FR fabric. Unicolour Wool is beautifully textured and available in 34 exciting colours.



UNICOLOUR WOOL	
COMPOSITION	70% WO - 25% PA - 5% AF
WIDTH	150 cm
THICKNESS	400 ± 5% gr/mq
MARTINDALE (ISO 12947-2)	>40.000
RESISTANCE TO PILLING (ISO 12945-2)	4/5
FASTNESS TO LIGHT (ISO 105-B02)	4/5
COLOUR FASTNESS TO RUBBING	Dry: 4/5 Wet: 4
COLOUR FASTNESS TO DRY CLEANING	4
FIRE RETARDANT	Italy: Classe 1IM UK: BS 5852:06 IS 0 (cigarette) BS 5852:06 is 1(match) BS 5852 crib5 EU: DIN 4102 California: TB-117



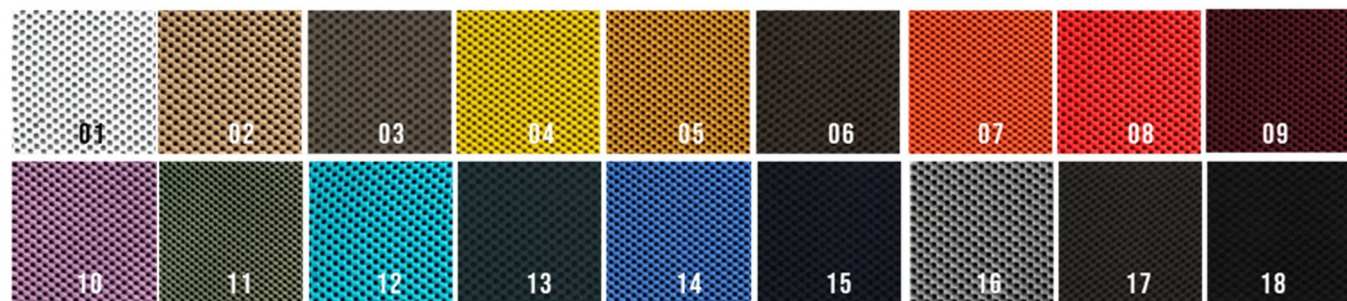
3.1 The FabWall™ Acoustic Fabrics

NOISEMONSTER™ SPOCK FABRIC

3-layers acoustic fabric with perforated top layer. It has exceptional acoustic properties, is easy to clean and is available in 18 fresh colours.



SPOCK	
COMPOSITION	100% PL
WIDTH	140 cm
THICKNESS	550gr/mq
MARTINDALE (ISO 12947-2)	120.000
RESISTANCE TO PILLING (ISO 12945-2)	5
FASTNESS TO LIGHT (ISO 105-B02)	5
COLOUR FASTNESS TO RUBBING	Dry: 4/5 Wet: 4/5
COLOUR FASTNESS TO WASHING	4/5
FIRE RETARDANT	California:TB117
INSTRUCTIONS FOR REMOVAL OF THE MOST COMMON STAINS	
Dab the stain with the absorbent paper as soon as possible before treating with the solution of lukewarm water and neutral soap. If you use cleaners of neutral soap, first test the product on one small portion to verify that it does not suffer alterations or damage.	
Use a soft cloth moistened with the solution of soap and water and gently wipe the stain until it is completely removed, rinse with pure water and dry with a clean cloth.	
Do not use aggressive detergents, stain removers or degreasers as they could damage the material.	



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