



ACOUSTIC WALL ABSORBER DATASHEET

www.noicon.me | info@noicon.me

ACOUSTIC WALL ABSORBER

NOICON acoustic wall absorber is a combination of NOICON fleece wrapped with textile cover. The textile cover can have any image printed over it as per interior design or clients choice.

The fleece is made of 100% recycled polyester and is flame retardant and meets the following standards:

- DIN 4102, PART 1 - CLASS B1
- BS 5852 - P2
- CALIFORNIA STANDARDS
- MVSS 203

The fleece also provides thermal insulation properties upto WLG 0.035 (035) DIN 52612.

SPECIFICATION

Material: 100% Recycled Polyester fiber.
Thickness: 25, 40, 50, 80, 100mm
Standard size: 2.2 x 1 meter (LxW)
Fire Resistance: Class B1
Test Method: DIN EN ISO 354 of 2003.
NRC: 0.7 - 0.9
Outdoor ready.

APPLICATIONS

- Meeting Rooms.
- Offices
- Hospitality
- Studios
- Schools / Universities.
- Medical / Hospitals.
- MEP Rooms
- Clubs / Lounges
- Residentials
- Villas

MOUNTING DETAILS

- Glued on wall
- Screwed on wall

AVAILABLE COLORS



BLACK



GREY



WHITE

Textile is available in any RAL color



TEXTILE SPECIFICATIONS

Article:	FR NEWLIFE EARTH
Dessin:	5N2774
Composition:	100% PES (100% PES recycled post-consumer)
Width:	approx. 140 cm
Weight:	approx. 376 g/m ²
Repeat	plain

Abrasion Resistance	DIN EN 14465 Martindale		200.000 rubs
Abrasion Resistance Textile Fabrics (Wyzenbeek)	ASTM D4157-13(2017)		Wire Screen Heavy Duty Upholstery
Pilling Test Martindale	DIN EN ISO 12945-2		Remark 4
Color Fastness	DIN EN ISO 105-X12	wet dry	Remark 4-5 Remark 4-5
Color Fastness To Bleaching Hypochloride	DIN EN 20105-N01		Remark 4-5
Color Fastness To Artificial Saliva	DIN 53160-1		Remark 4-5
Light Fastness (Blue Scale)	DIN EN ISO 105-B02		Remark 6
Tear Properties Of Fabric (Wing-Shaped-Test)	DIN EN ISO 13937-3	WarpDirection Weft Direction	168 N 169 N
Seam Slippage Resistance	DIN EN ISO 13936-2	WarpDirection Weft Direction	3,1 mm 2,4 mm
Sound Absorption Class Weighted Sound Absorption	ISO 11654	Coefficient α_w	Remark B 0,80
Noise Reduction Coefficient NRC	ASTM C423		0,75
Permeability To Air	DIN EN ISO 9237		136,00 mm/Sek.
Water Vapour Resistance	DIN EN ISO 11092:2014-12 ^A		6,93 m ² /PaW
Color Fastness To Organic Solvents	DIN EN ISO 105-X05	Per- / Tetrachlorethylen	Remark 5
Disinfectant Resistance	Ethanol / Propanol according ISO 4628-1 (2016-01) and ISO 4628-2 (2016-01)		complies
Oceanwater Resistance	DIN EN ISO 105-E02		Remark 5
Chlorwater Resistance	DIN EN ISO 105-E03		Remark 4-5
Fire Class B1	DIN 4102-1		complies
Smouldering Cigarette	DIN EN 1021-1		complies
Match Flame Equivalent	DIN EN 1021-2		complies
Wooden Crib/ Crib 5 BS 5852-Source 5			complies
Fire Test For Flame Propagation Of Textile And Films	NFPA 701 2019 test #1		complies
IMO 0493 2021	U.S.C.G. 164.111/EC0493 U.S.C.G. 164.144/EC0493 U.S.C.G. 164.142/EC0493	Part-7 Part-8 Part-9	Draperly Upholstery Bedspread