SILENZIO ACOUTIC PANEL

SPECIFICATIONS
MATERIAL & TEST STANDARDS
IN–HOUSE RANGE

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SILENZIO
ACOUSTIC PANEL

Silenzio acoustic screens are an attractive way to create visual separation across the open office.

While creating personal space, Silenzio offers not only a clean aesthetic but also a sound absorbing material with superior performance that has been tested and certified.

Specifications

Features

- Sound absorbing
- Pinnable
- Panel thickness: 10mm or 20mm
- Printed artwork option available
- 5 Year Warranty

Finishes

Brackets:
- Black
- White
- Custom

Panel:
- In-house acoustic panel range
- Full range of acoustic panel colours

Dimensions (mm)

Custom made dimension and shape.

Range:
W600–2400
H300–900

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Test standards

Sound Absortion

- AS ISO 354 - 2006
- NRC VALUE: 0.35 (No air gap)
- NRC VALUE: 0.55 (20mm air gap)
- NRC VALUE: 0.65 (50mm air gap)

Lightfastness

- ISO 105–B02 - 1994 Rating: 6–7
- AS 2001.4.21–1970 Rating: 6–7

Fire Test

- AS 1530.3
- ISO 9705: Group 1
- BS EN 13501.1: CLASSIFICATION B–S1, D0
- ASTM E84 testing for 43)

Voc Emissions

- US EPA5021:2003/EP-A5021A:2003/EPA 8260C

Rohs

- IEC62321:2008

SILENZIO ACOUSTIC PANEL
100% PET Panel 1200mm x 2400mm x 9mm

- 100% PET (60% recycled)
- Composition of Materials: 45% posted industrial polyester and 55% melted fiber
- Fusion point: 135 degrees
- High Heat Distortion Temperature: 255–260 degrees
- Ultimate Elongation: 25–40%
- Full panel Size: 1220×2440mm (+/- 2.5)
- Standard panel Thickness: 9mmFull panel Weight: 6kg (9mm thickness panel)
- Stiffness (facade testing): 65–70(Shore Durometer)
- NRC (Noise reduction coefficient): 0.75 with 100mm cavity,0.65 with 50mm cavity (ISO354–2006)
- No glue and adhesive inside - Melted PET filaments jointed together
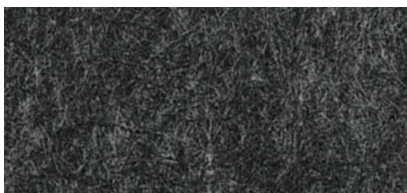- Low water permeability and moisture absorption
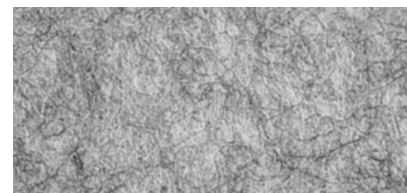- Formaldehyde free

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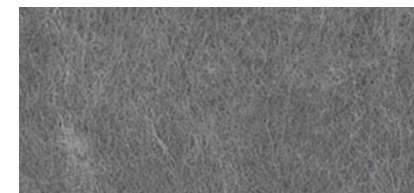
SILENZIO
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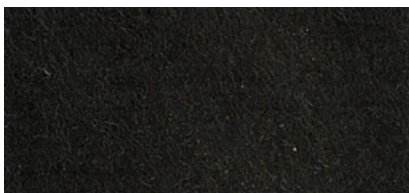
Black #10

Dark Grey #17

Light Grey #3

Solid Grey #34

White #7
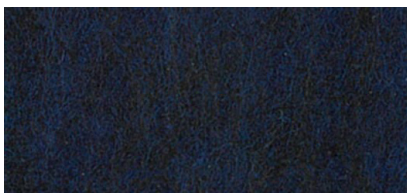
Blue #9

Blue #21
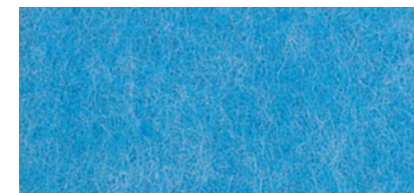
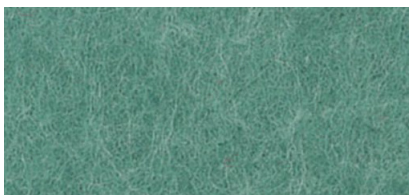**Blue #37**

Blue #30
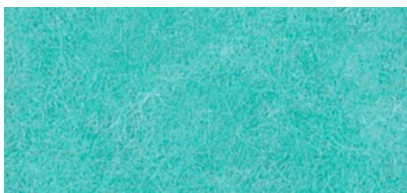
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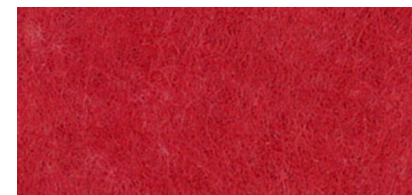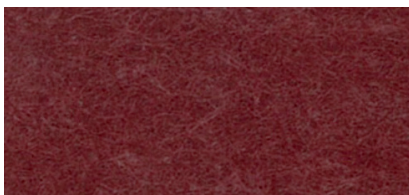
Green #11

Green #39

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Green #40

Yellow #22

Orange #31

Red #15

Red #29

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