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Seam
Panels

Specifications

Application	Wall
Material	FilaSorb™ polyester felt
Recycled content	60% min. rPET
Thickness	12 & 24mm +/- 10%
Weight	12mm - 2400gsm
	24mm - 4800gsm
Dimensions	Width – 305 – 1220mm
	Depth – 50 & 55mm
	Height – 610 – 2800mm

Technical Data

Fire test method	AS ISO 9705:2033 (according to AS 5637.7:2015 requirements)
Group number	Group 1
SMOGRARC (in m2/s2 x 1000)	0.93
Total VOC test method	SCS-EC10.3-2014 v4.0 meeting standard CDPH/EHLB Standard Method v.1.2-2017
Total VOC result	≤ 0.5mg/m³
Colorfastness test method	ISO 105-B02
Rating	6-7
Water vapour sorption method	ASTM C1104-2019 (Procedure A Modified)
Water sorbed by weight	0.20% (results based on a 12mm thick panel)

Acoustic Performance

Test method	AS ISO 354-2006: Acoustic - Measurement of sound absorption in a reverberation room
Installation method	A, tested with no air gap, 20mm air gap, 50mm air gap
Rating method	ISO 11654-1997 Acoustic – sound absorbers for use in buildings – rating of sound absorption

Test results

12mm	24mm
NRC 0.45 no air gap	NRC 0.60 no air gap
NRC 0.60 20mm air gap	*results are for material only
NRC 0.75 50mm air gap	

SAA 0.43 no air gap
SAA 0.61 20mm air gap
SAA 0.72 50mm air gap

*Graph not to scale.
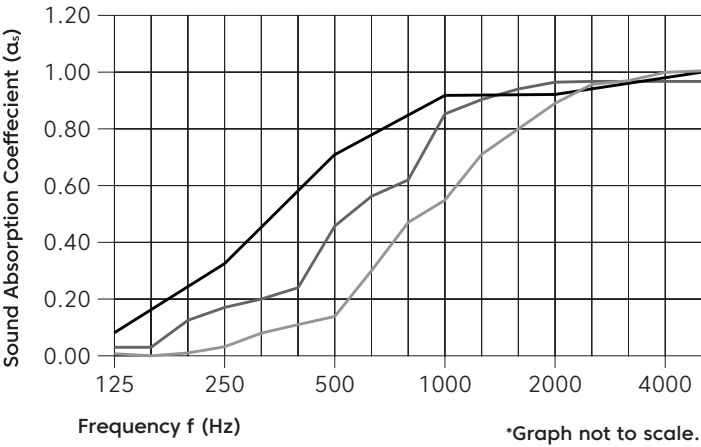
Frequency (Hz)	125	250	500	1000	2000	4000	NRC
α_s no air gap	0.00	0.05	0.20	0.55	0.85	1.00	0.45
α_s 20mm air gap	0.05	0.15	0.45	0.85	0.95	0.95	0.60
α_s 50mm air gap	0.10	0.35	0.70	0.90	0.90	0.95	0.75

Performance Indices: **Noise Reduction Coefficient (NRC)** results represent the absorption coefficients measured at the one third octaves bands at 125, 250, 500, 1000, 2000 and 4000 Hz rounded to the nearest 0.05. Acoustic testing has been performed according to the methods mentioned above. Customisation of installation of the product could alter the results. **Sound Absorption Average (SAA)** indicates the absorption coefficient average for the twelve one-third octave bands ranging between 200 and 2500 Hz

Sustainability

Made from 60% min. recycled content

Material 'Take Back' program allows our product to be recycled

Acoustic Felt material is made with 30-40% solar energy*
*made in Thailand

Red List Free Declare.
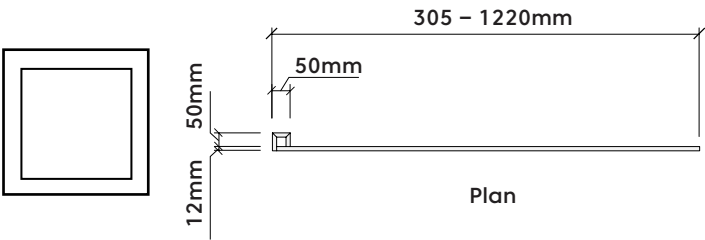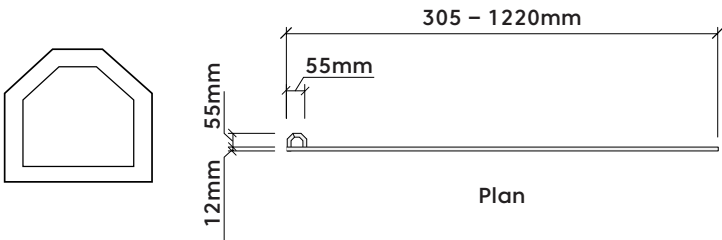
CERTIFIED INDOOR AIR QUALITY INDOOR ADVANTAGE GOLD BUILDING MATERIALS

hpd VERSION 2.3

Details

Lead time	3-6 weeks
Origin	Australia
Warranty against defects	20 years*
Colorfastness warranty	20 years*

*conditions apply

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Seam Designs

Sizes

Width	305 – 1220mm
Depth	Block – 50mm Igloo – 55mm
Height	610 – 2800mm

Perspective

Close up

Slat

12mm backer panel

Block

305 – 1220mm

50mm

50mm

12mm

Plan

50mm 12mm

305 – 1220mm

50mm

610 – 2800mm

Elevations

Igloo

305 – 1220mm

55mm

55mm

12mm

Plan

55mm 12mm

305 – 1220mm

55mm

610 – 2800mm

Elevations

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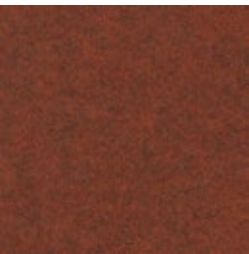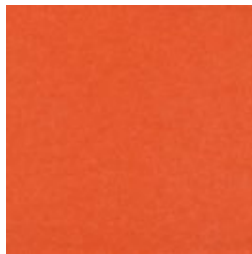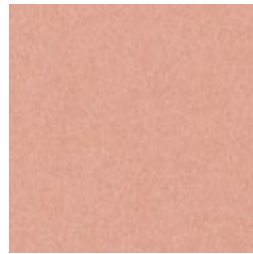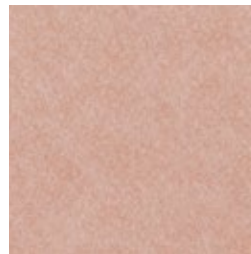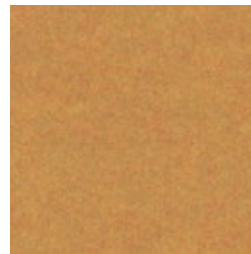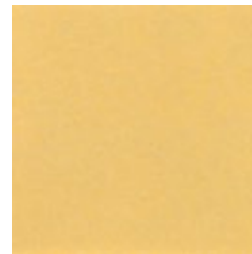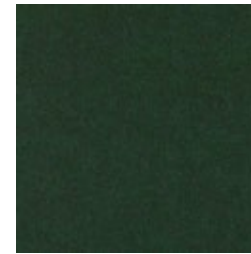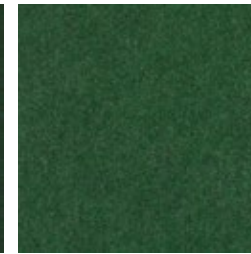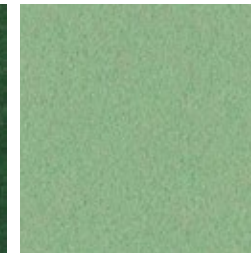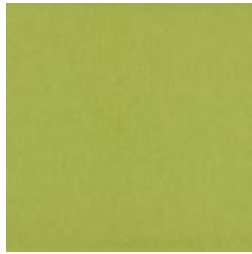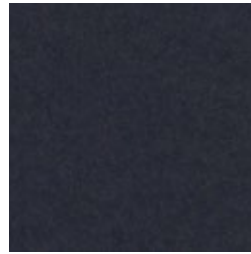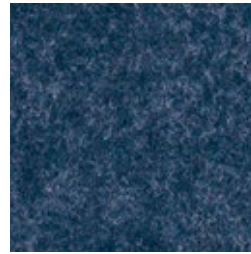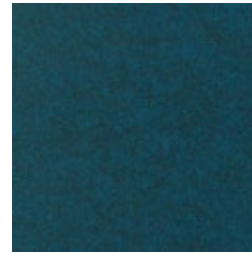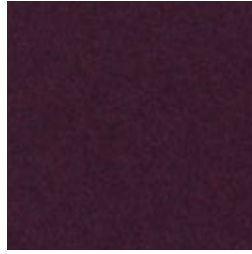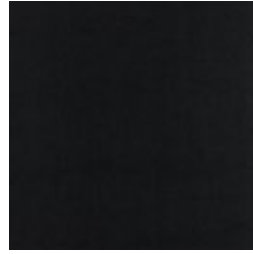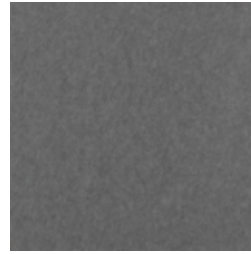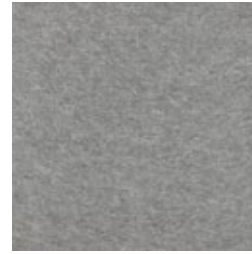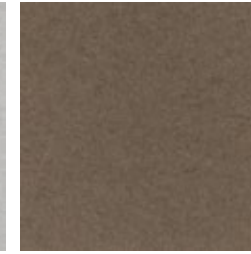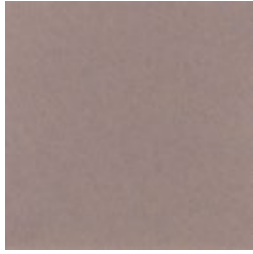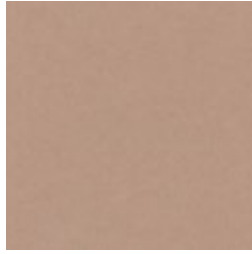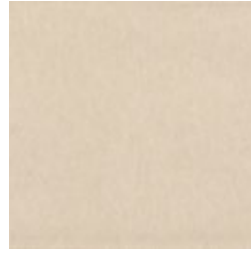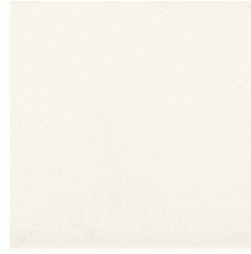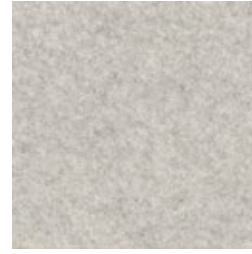
FilaSorb™ Colorways

Peppercorn PE22	Currant CU59	Carrot CA08
Peach PE19	Flamingo FL61	Valentine VA70
Turmeric TU60	Wheat WH68	Kale KA12
Oregano OR18	Sencha SE58	

Peppercorn
PE22

Currant
CU59

Carrot
CA08

Peach
PE19

Flamingo
FL61

Valentine
VA70

Turmeric
TU60

Wheat
WH68

Kale
KA12

Oregano
OR18

Sencha
SE58

Celery
CE65

Eucalyptus
EU71

Wasabi
WA29

Pistachio
PI25

Midnight
MI16

Flint
FL64

Granite
GR62

Denim
DE09

Iris
IR10

Azur
AZ05

Marine
MA15

Stonewash
ST72

Periwinkle
PE23

Sea Salt
SE57

Shiraz
SH63
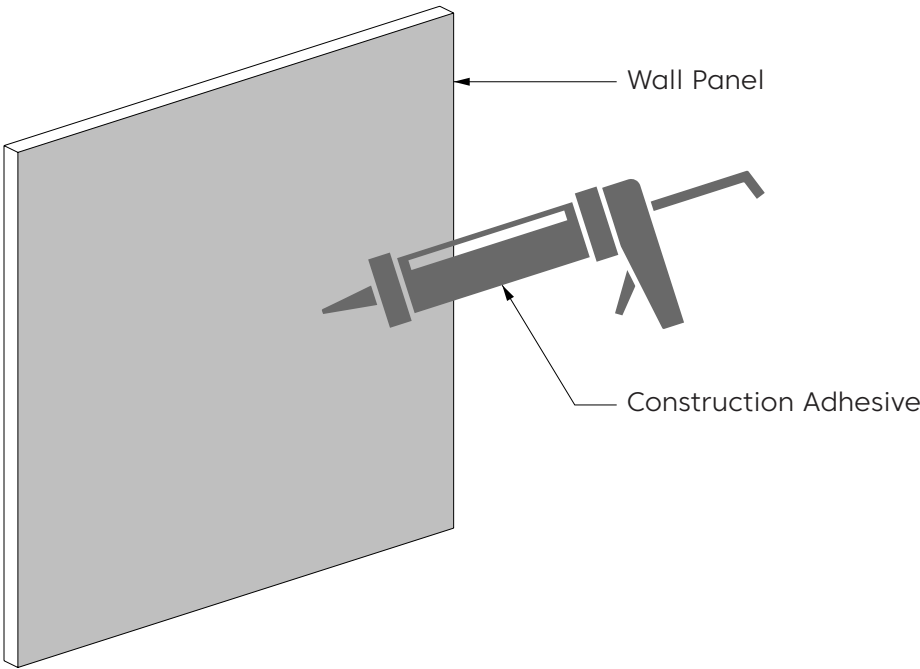
Piano Black
PI24

Charcoal
CH01

Slate
SL27

Grey
GR02

Metal
ME03

Platinum
PL04

Walnut
WA56

Umber
UM54

Amethyst
AM69

Quartz
QU67

Almond
AL55

Ivory
IV11

Pearl
PE21

White
WH12

Milkyway
MI74

Can't find a color?
We are constantly updating our palette, which includes adding and discontinuing certain color lines. If you can't find the color you are looking for, please contact us with your color request, as we may still have stock available.

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Mounting Methods

Construction Adhesive

Wall Panel

Construction Adhesive

Adhesive backing

Wall Panel

Adhesive

Release liner

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