

hush.
acoustics
Solstice
Spec Document



Quiet by Design



Solstice · Echo · Colour Group #4 on Polar Core · Retail Store



Solstice · Knot · Colour Group #1 on Polar Core · Lobby

Solstice

The Solstice Collection offers mosaic felt tiles that combine visual appeal with acoustic performance for design versatility.

PRODUCT SPECIFICATIONS

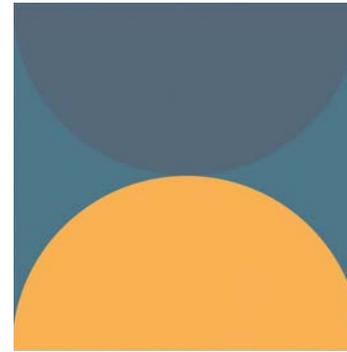
Composition	100% PET (Polyethylene Terephthalate); 60% recycled material
Thickness	12mm • 3mm Beveled Edge, 45° Bevel Angle
Product Placement	Walls, Ceiling
NRC	0.65
Fire Rating	CAN/ULC-S102 Class A ASTM E84 Class A
Sustainability	100% Recyclable
Warranty	2 Year Limited

FUNGAL RESISTANT

Independently tested by EMSL Canada, Hush P.E.T. felt showed zero mold growth under ASTM C1338 laboratory conditions, confirming exceptional durability.

WARRANTY

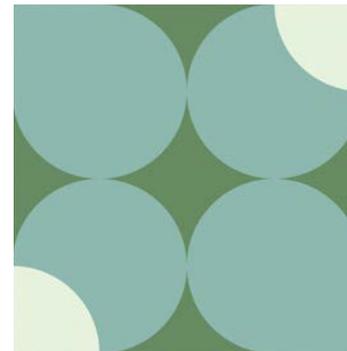
2 year limited warranty. See F.A.Q. page on our website for more information.



MOON



STAR



SPARK



KNOT



DAISY



ECHO

Solstice

GREENGUARD® GOLD CERTIFICATION

Hush Acoustics has achieved full GreenGuard® Gold sustainability certification, a mark of excellence that ensures our products meet strict standards for low chemical emissions, promoting healthier indoor air quality.

This recognition gives architects, designers, and consumers confidence in choosing Hush for environmentally responsible solutions. Beyond sustainability, Hush's felt products offer excellent sound-absorbing properties, making them ideal for creating quieter, more comfortable spaces.

SUSTAINABILITY

Manufactured from 100% PET(60% recycled material), our felt products demonstrate our commitment to both environmental stewardship and functional design, contributing to a greener and quieter future. It comprising of flame-retardant fiber as new material ensuring ASTM E84 class A certification. The high strength of PET panels in comparison to its weight is the key to its superior energy efficiency.

SOLSTICE

mm	inches
600 x 600	23.6 x 23.6

* Custom sizes available upon request

COMPLIMENTARY DOCUMENTATION



Environmental Product Declaration



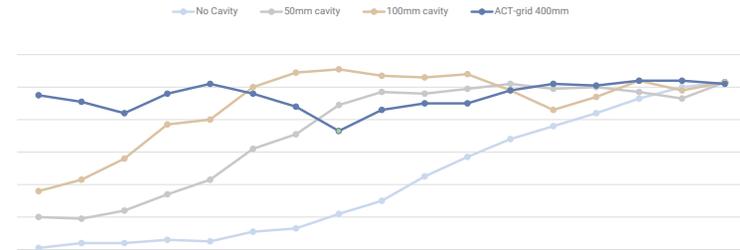
Felt Maintenance Guide



Flame Spread

See Resource Hub page on website for more documentation

NOISE REDUCTION COEFFICIENT COMPARISON



Frequency (Hz)	No Cavity	50mm Cavity	100mm Cavity	ACT-grid 400mm
100	0.01	0.20	0.36	0.95
125	0.04	0.19	0.43	0.91
160	0.04	0.24	0.56	0.84
200	0.06	0.34	0.77	0.96
250	0.05	0.43	0.80	1.02
315	0.11	0.62	1	0.96
400	0.13	0.71	1.09	0.88
500	0.22	0.89	1.11	0.73
630	0.30	0.97	1.07	0.86
800	0.45	0.96	1.06	0.90
1000	0.57	0.99	1.08	0.90
1250	0.68	1.02	0.98	0.98
1600	0.76	0.99	0.86	1.02
2000	0.84	1	0.94	1.01
2500	0.93	0.97	1.04	1.04
3150	1	0.93	0.98	1.04
4000	1.03	1.03	1.03	1.02

Full NRC comparison available upon request

*Tested panels laid parallel to the test surface.

**Tested panels placed on the D50 frame, 304.8mm [12"] on centers spacing, laid parallel to the test surface. Perimeter edges were sealed with metal framing.

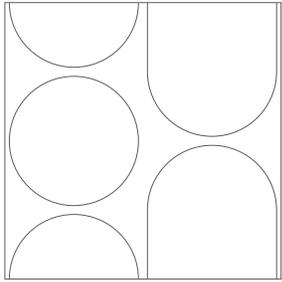
***Tested panels butted together within the E400 Test Box. Perimeter edges were sealed with Duct Tape to the test box perimeter.

	No Cavity	50mm Cavity	100mm Cavity	ACT-grid 400mm
NRC	0.4	0.85	1	0.9

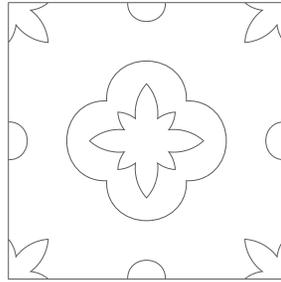
Solstice

HOW TO SPECIFY

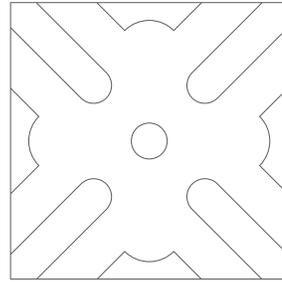
1. Select Design



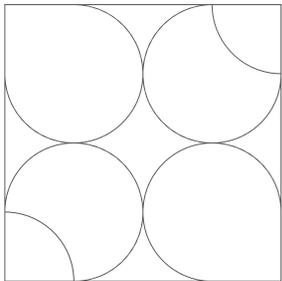
Echo



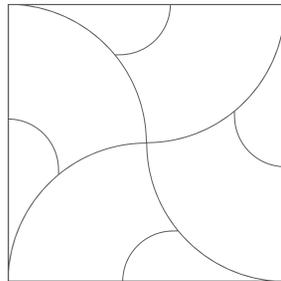
Star



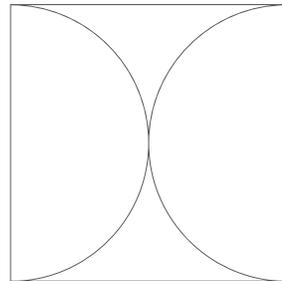
Daisy



Spark



Knot



Moon

2. Select Element Base



Fog



Snow

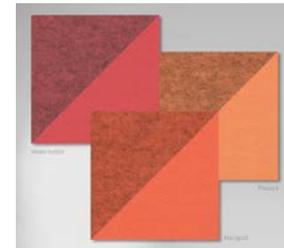
3. Select Colour Group



Colour Group 1



Colour Group 2



Colour Group 3



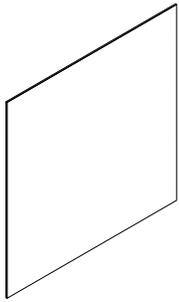
Colour Group 4

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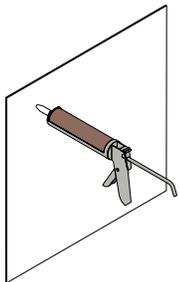
Prior to installation, installers are advised to unpack and lay out panels to determine the most aesthetically pleasing arrangement.

INSTALLATION INSTRUCTIONS

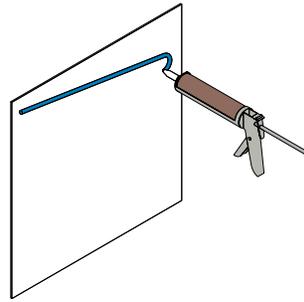
1. Locate the back of the Wall Tile.
(Note; the back of the tile will have no etched patterns or beveled edges).



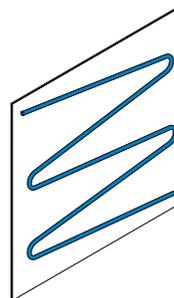
2. On the back of the Wall Tile, starting at the top corner, apply a bead of adhesive that is approximately 1/4" wide.



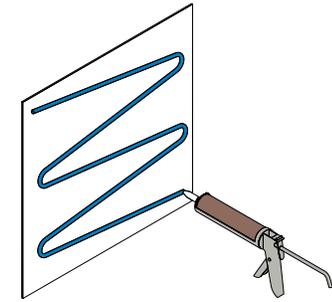
3. Continue the bead of adhesive across the width of the Wall Tile.



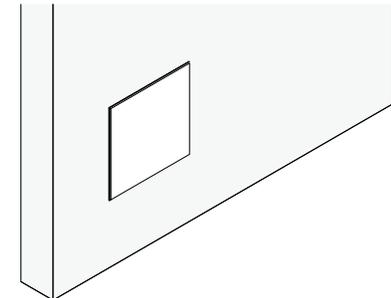
4. Working quickly, complete the Wall Tile in a back-and-forth pattern as shown below.



5. Your Wall Tile is now ready to be installed on the wall in the desired location.
(Please note that the Wall Tile should be mounted on the wall within 60 seconds of applying adhesive).



6. With the Wall Tile located on the wall, apply firm pressure evenly over the entire surface of the Wall Tile and hold it in place for 30 seconds. The Wall Tile is now installed. Repeat steps 1-6 for all remaining tiles.





Solstice · Moon · Colour Group #2 on Polar Core · Salon

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Tailored for Architects,
Interior Designers, and
General Contractors, we serve
as a fast, expert, and reliable
partner for all your project ideas.

Quiet by Design



Proudly Made
in North America



2 Year
Limited Warranty



**GreenGuard Gold®
Certified**
All Hush products
exceed GreenGuard
Gold® indoor air
quality standards



**Fungal Resistant
Certified**
EMSL Canada verified
zero mold growth
for Hush P.E.T. felt
(ASTM C1338).

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