



*hush.  
acoustics*

High Impact  
Spec Document



Check the product page

*Quiet by Design*



Custom Print High Impact Panels · Gymnasium

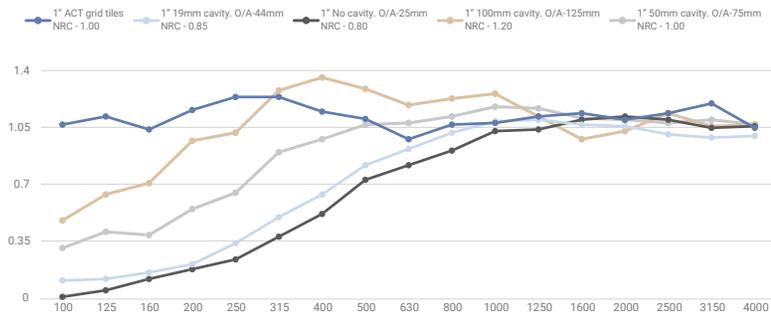
# High Impact

Our robust High Impact Panels and Fins combine superior sound absorption with exceptional impact resistance.

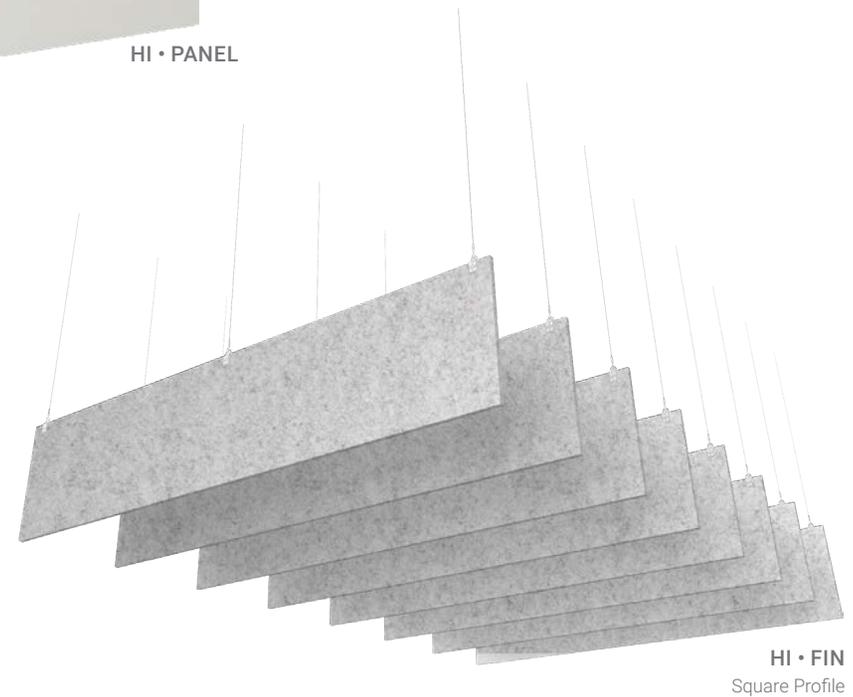
## PRODUCT SPECIFICATIONS

Composition	100% PET (Polyethylene Terephthalate); 60% recycled material
Thickness	24mm
Product Placement	Ceiling, Wall
NRC	1.15
Fire Rating	CAN/ULC-S102 Class A ASTM E84 Class A
Sustainability	100% Recyclable
Warranty	5 Years

## NOISE REDUCTION COEFFICIENT COMPARISON



Full NRC comparison available upon request



# High Impact

## 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.

## 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.

## 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

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

## COMPLIMENTARY DOCUMENTATION



Ceiling Hardware  
Install Guide



Impact Resistance  
Certificate



Flame  
Spread

See Resource  
Hub page on  
website for more  
documentation

## PANELS

<i>mm</i>	<i>inches</i>
1200 x 600 x 24	47.3 x 23.6 x 1
1200 x 1200 x 24	47.3 x 47.3 x 1
2700 x 1200 x 24	106.3 x 47.3 x 1

## FINS

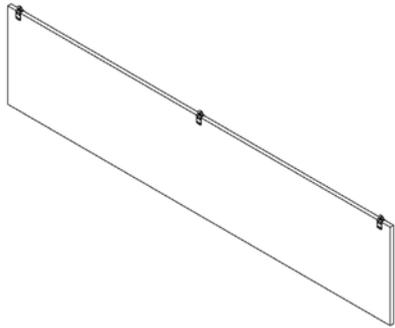
1200 x 300 x 24	47.3 x 11.8 x 1
1200 x 400 x 24	47.3 x 15.7 x 1
1200 x 600 x 24	47.3 x 23.6 x 1
1200 x 1200 x 24	47.3 x 47.3 x 1
2700 x 300 x 24	106.3 x 11.8 x 1
2700 x 400 x 24	106.3 x 15.7 x 1
2700 x 600 x 24	106.3 x 23.6 x 1
2700 x 1200 x 24	106.3 x 47.3 x 1

\* Custom sizes available upon request

# High Impact

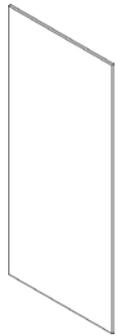
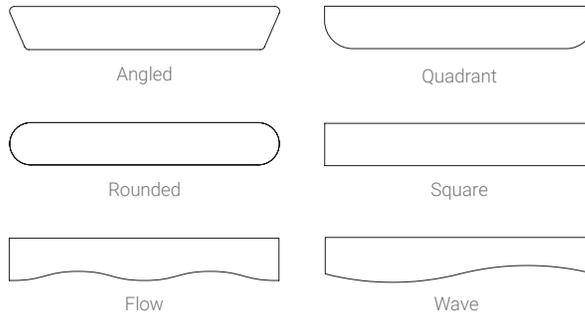
## HOW TO SPECIFY

### 1. Select Design



HI • Fins

### 2. Select Profile

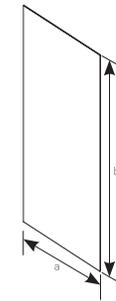


HI • Panel

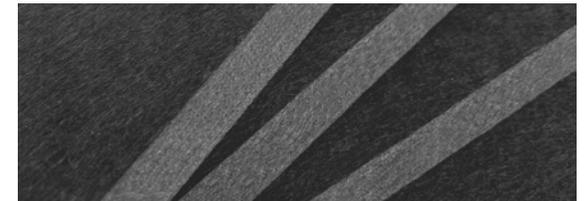
No additional profile options available

### 3. Select Size

See [page 4](#) for full size chart



### 4. Select Colour



Stocked Colours



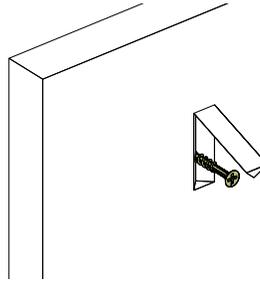
Special Order Colours

# High Impact

## INSTALLATION INSTRUCTIONS

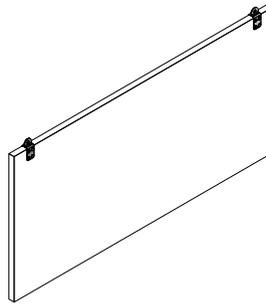
### Panels - Hidden Fixing

Page 7



### Fins - Suspension Hardware

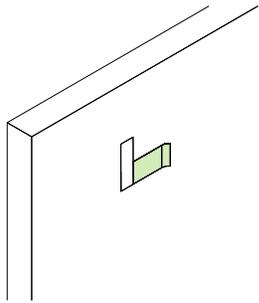
Page 8



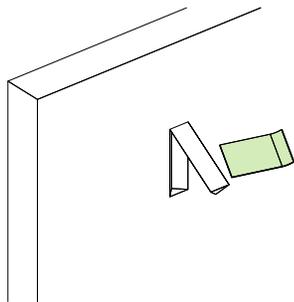
# High Impact

## INSTALLATION INSTRUCTIONS · PANELS - HIDDEN FIXING

1. Identify the Hidden-Fixing points on the front of the panel – each fixing point is marked.

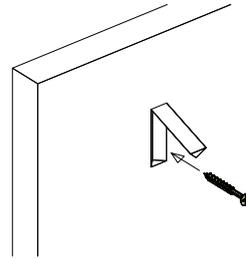


2. Lift the cover tab and discard the fixing point marker.

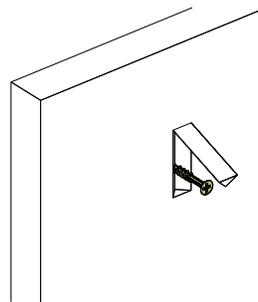


3. *(Please note: Adhesive can be applied to the back of the panel at this point if required/specified).*

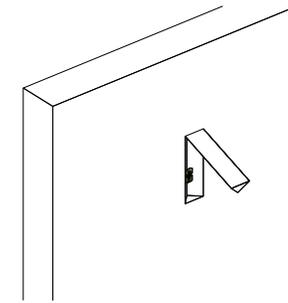
Now, place the panel in the desired location on your wall. Using a counter-sunk screw suitable for your wall material, align the screw into the center of the v-groove in the panel.



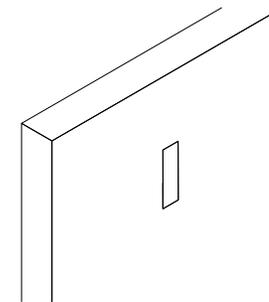
4. Slowly wind in the screw through the panel and into the wall.



5. Continue winding in the screw until the top of the screw-head is almost flush with the bottom of the v-groove. **DO NOT TIGHTEN THE SCREW BEYOND THIS POINT.**



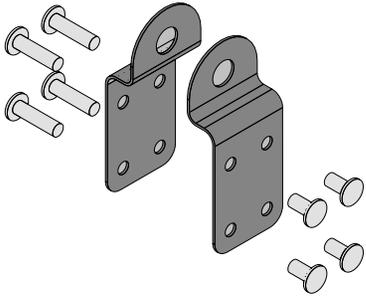
6. Now press the tab back down into the v-groove to cover the screw-head, the surface of the tab will now be flush with the surface of the panel. Repeat these steps for all remaining fixing points on your panel. Your installation is now complete.



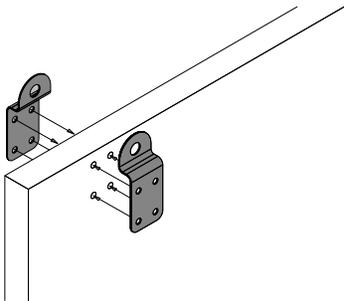
# High Impact

## INSTALLATION INSTRUCTIONS · FINS - SUSPENSION HARDWARE

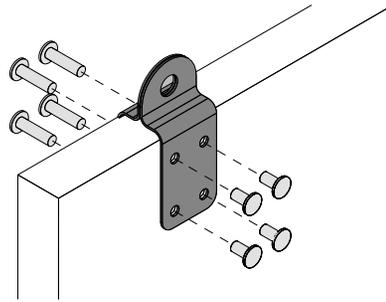
1. Locate the hardware set for the High Impact FIN as shown below. (For each suspension point you will need: 2 suspension brackets, 4 male Chicago-screws, and 4 female Chicago-screws).



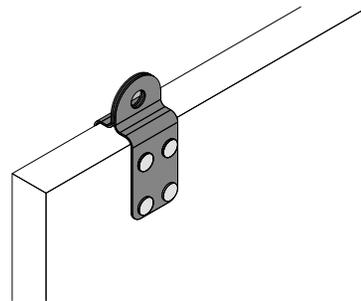
2. Now align the two suspension brackets with the holes on the panel.



3. Fix the suspension brackets into place using the Chicago-screws.

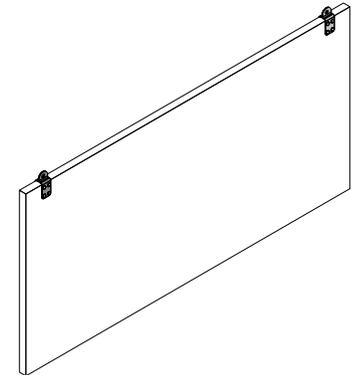


4. Tighten the Chicago-screws securely using a hand screwdriver.



5. Repeat these steps for all remaining fixing locations on the Fin. Hardware install is now complete and your Fin is ready to be attached to your ceiling suspension hardware.

*(Please refer to the Ceiling Hardware Install Guide, using the QR code on page 4, for the final steps).*



# Colour Options

PLEASE NOTE: The images are only a sampling of the colours. Order a physical colour sample to obtain an accurate representation of our acoustic colours. Given our dedication to sustainability and use of recycled materials, a slight colour variation could occur between dye lots.

## STOCKED COLOURS



**SLATE**



**FOG**



**VANILLA**



High Impact Panels · Slate · Gymnasium

hush.  
*acoustics*

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



5 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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