

hush.
acoustics
Beams
Spec Document

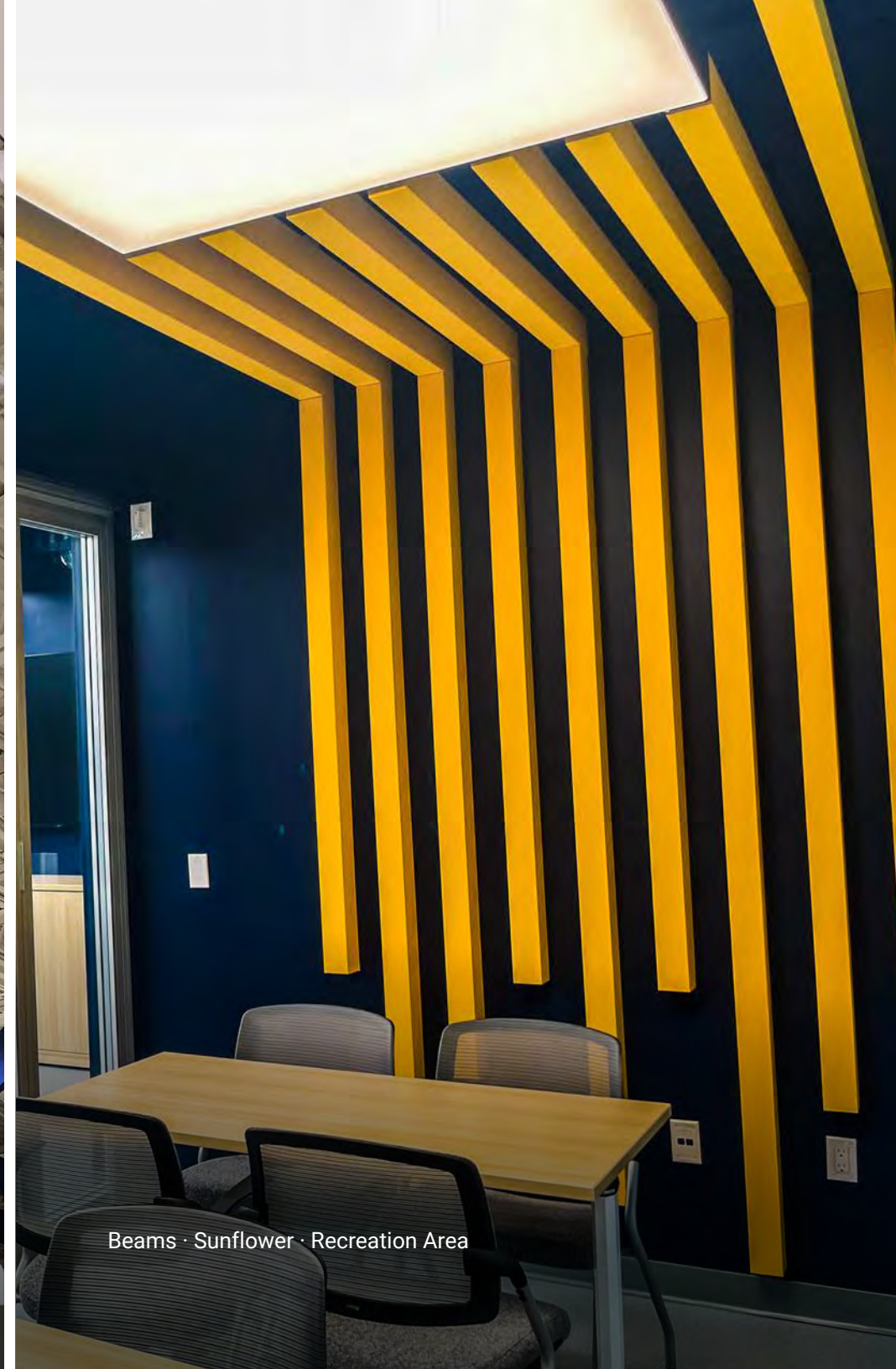


Check category page

Quiet by Design



Rove Curved Beams · Moss and Lapis · Corridor



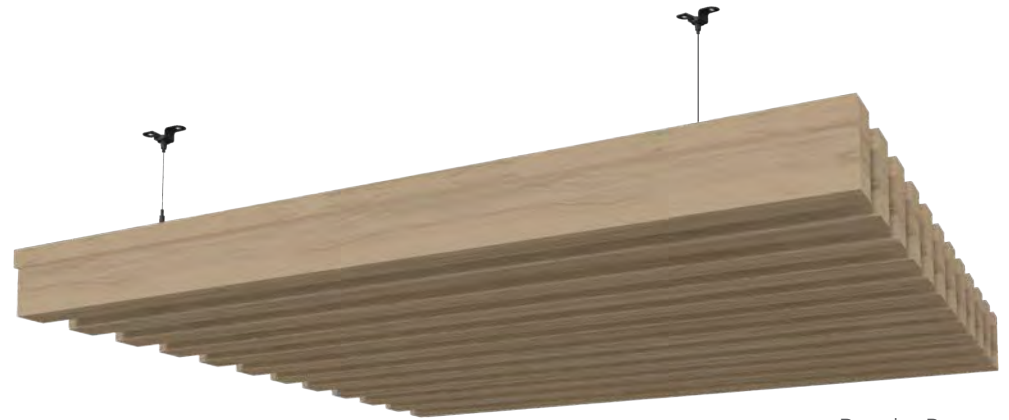
Beams · Sunflower · Recreation Area

Beams

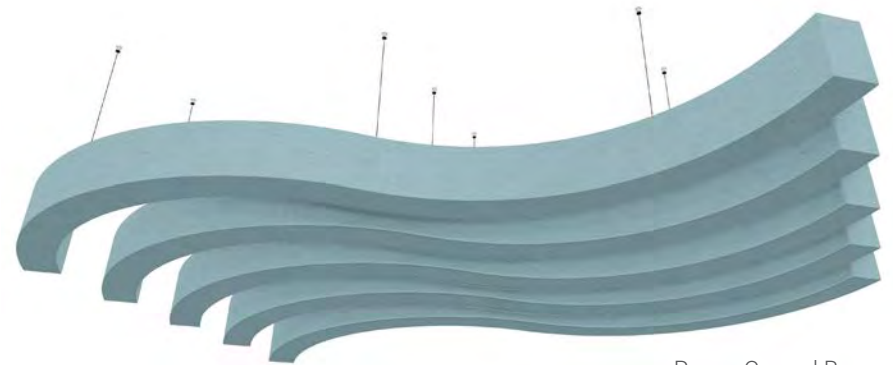
From muted hallways to bold, formal offices, Hush Beams come in various lengths, colours, and patterns to fit any design.

PRODUCT SPECIFICATIONS

Composition	100% PET (Polyethylene Terephthalate); 60% recycled material
Thickness	12mm
Product Placement	Ceiling, Hanging
NRC	<i>NRC values vary depending on Beam spacing and reporting method. Refer to Acoustic Performance graph and table for detailed performance data</i>
Fire Rating	CAN/ULC-S102 Class A ASTM E84 Class A
Sustainability	100% Recyclable
Warranty	2 Year Limited



Regular Beams



Rove - Curved Beams

Beams

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 comprises 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

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

COMPLIMENTARY DOCUMENTATION



Ceiling Hardware
Install Guide



Felt
Maintenance Guide



Flame
Spread

See Resource Hub page on website for more documentation

REGULAR & ROVE BEAMS

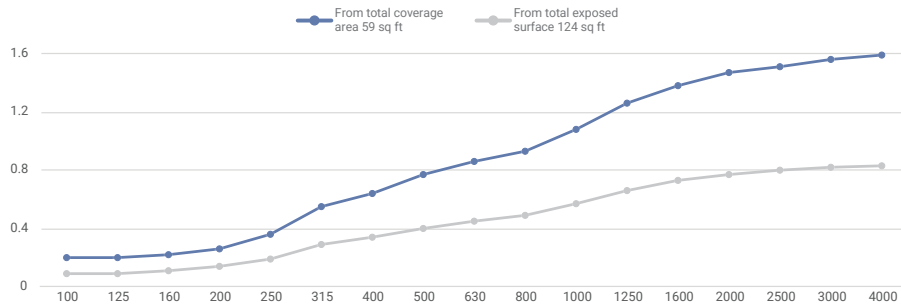
<i>mm</i>	<i>inches</i>	<i>mm</i>	<i>inches</i>
1200 x 50 x 100	47.2 x 2 x 4	1800 x 100 x 150	70.9 x 4 x 5.9
1200 x 50 x 150	47.2 x 2 x 5.9	1800 x 100 x 250	70.9 x 4 x 9.8
1200 x 100 x 150	47.2 x 4 x 5.9	2400 x 50 x 100	94.5 x 2 x 4
1200 x 100 x 250	47.2 x 4 x 9.8	2400 x 50 x 150	94.5 x 2 x 5.9
1500 x 50 x 100	59.1 x 2 x 4	2400 x 100 x 150	94.5 x 4 x 5.9
1500 x 50 x 150	59.1 x 2 x 5.9	2400 x 100 x 250	94.5 x 4 x 9.8
1500 x 100 x 150	59.1 x 4 x 5.9	2700 x 50 x 100	106.3 x 2 x 4
1500 x 100 x 250	59.1 x 4 x 9.8	2700 x 50 x 150	106.3 x 2 x 5.9
1800 x 50 x 100	70.9 x 2 x 4	2700 x 100 x 150	106.3 x 4 x 5.9
1800 x 50 x 150	70.9 x 2 x 5.9	2700 x 100 x 250	106.3 x 4 x 9.8

* Custom sizes available upon request

Beams

NOISE REDUCTION COEFFICIENT COMPARISON

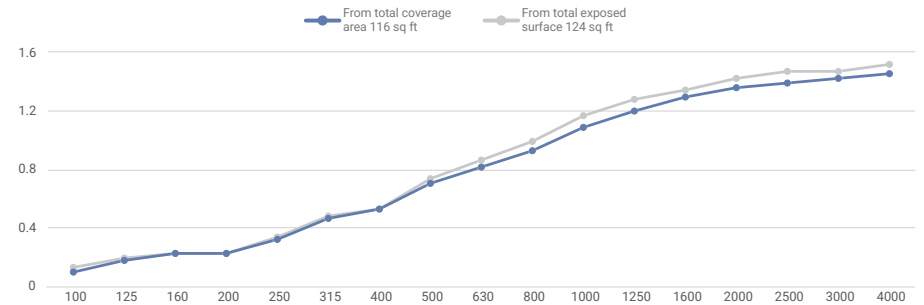
Beams NRC Comparison for 94.5"x84"x7.9" OC-12 [2400x2133x300mm OC-305mm]



Frequency (Hz)	From Total Coverage Area 59 sq ft	From Total Exposed Surface 124 sq ft
100	0.20	0.09
125	0.20	0.09
160	0.22	0.11
200	0.26	0.14
250	0.36	0.19
315	0.55	0.29
400	0.64	0.34
500	0.77	0.40
630	0.86	0.45
800	0.93	0.49
1000	1.08	0.57
1250	1.26	0.66
1600	1.38	0.73
2000	1.47	0.77
2500	1.51	0.80
3150	1.56	0.82
4000	1.59	0.83

	From Total Coverage Area 59 sq ft	From Total Exposed Surface 124 sq ft
NRC	0.90	0.50

Beams NRC Comparison for 94.5"x84"x7.9" OC-12 [2400x2133x300mm OC-609mm]



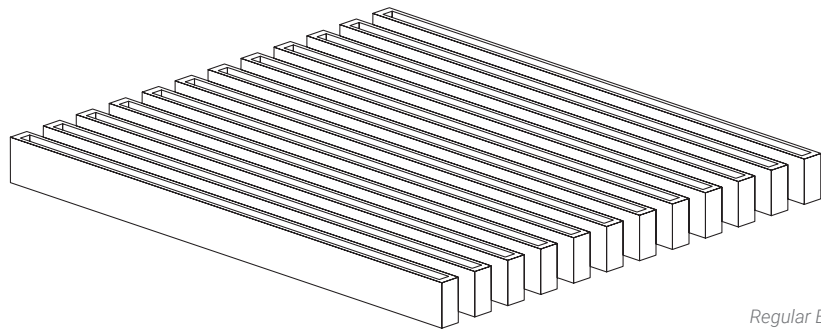
Frequency (Hz)	From Total Coverage Area 116 sq ft	From Total Exposed Surface 124 sq ft
100	0.06	0.08
125	0.11	0.12
160	0.14	0.14
200	0.14	0.14
250	0.20	0.21
315	0.29	0.30
400	0.33	0.33
500	0.44	0.46
630	0.51	0.54
800	0.58	0.62
1000	0.68	0.73
1250	0.75	0.80
1600	0.81	0.84
2000	0.85	0.89
2500	0.87	0.92
3150	0.89	0.92
4000	0.91	0.95

	From Total Coverage Area 116 sq ft	From Total Exposed Surface 124 sq ft
NRC	0.55	0.55

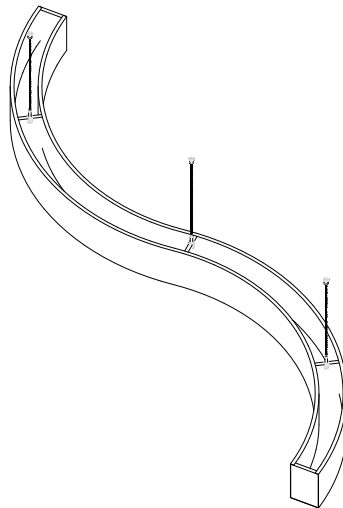
Beams

HOW TO SPECIFY

1. Select Design



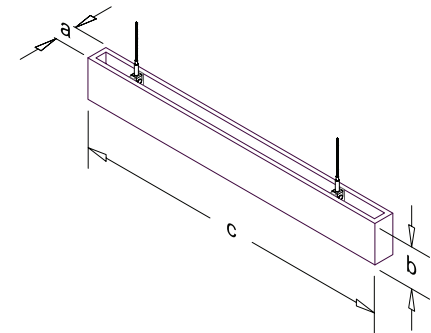
Regular Beams



Rove - Curved Beams

2. Select Size

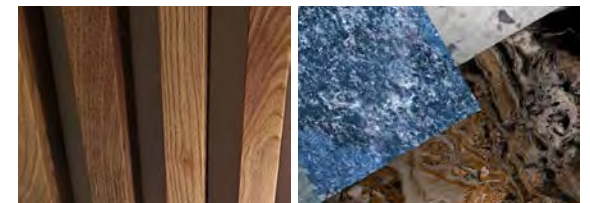
See [page 4](#) for full size chart



3. Select Colour



Element



Wood Grains

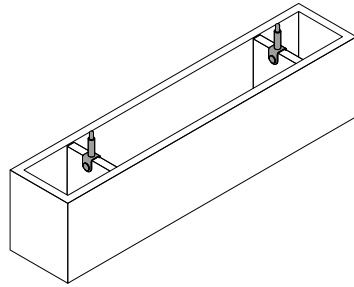
Concrete & Stone Grains

Beams

INSTALLATION INSTRUCTIONS

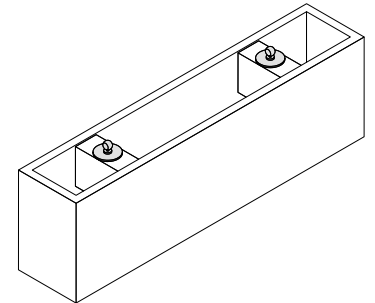
Individual Suspension

Page 7



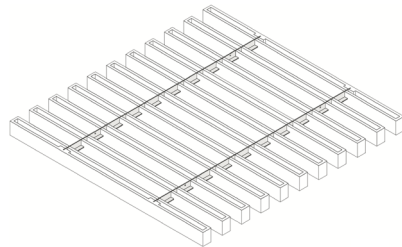
Clip Mount

Page 8



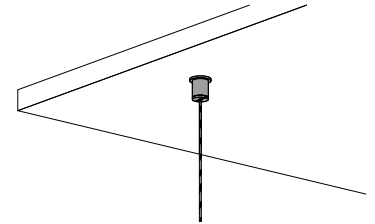
T-Track

Page 9



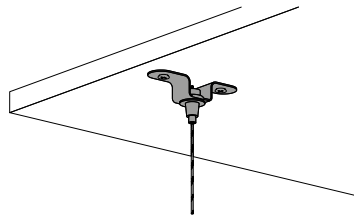
Single Anchor

Page 10



U-Anchor

Page 10

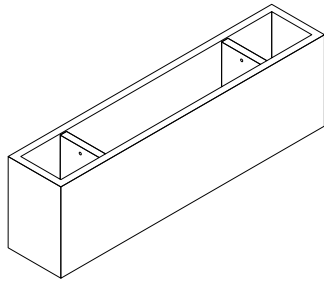


Beams

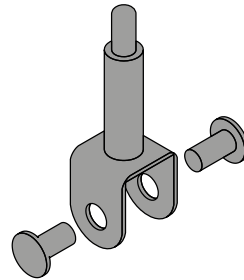
INSTALLATION INSTRUCTIONS · INDIVIDUAL SUSPENSION

1. Locate the Linear Beam.

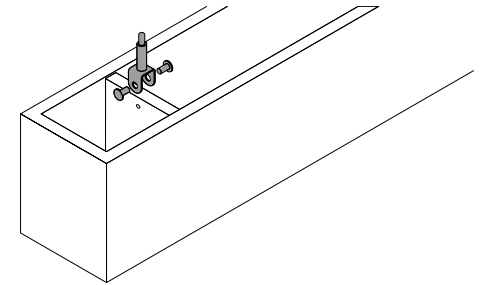
(Note; the top of the Beam will have small holes cut out for the installation hardware).



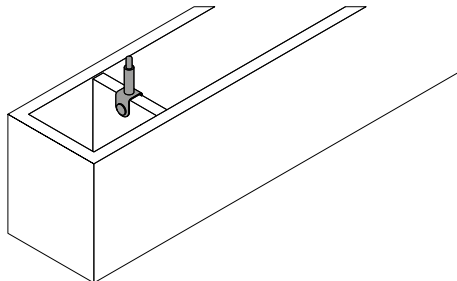
2. Locate the Shoulder-bracket hardware provided.



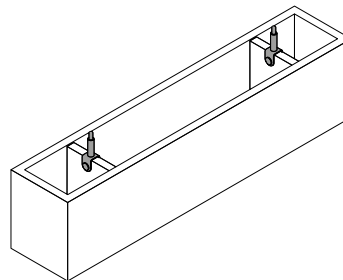
3. Align the Shoulder-brackets with the small cut out holes on the Linear Beam.



4. Now tighten the bolt hardware.



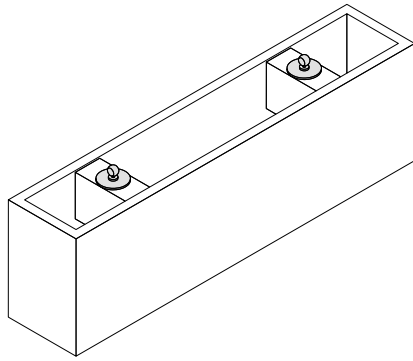
5. When all Shoulder-brackets have been installed, your Linear Beam is now complete and ready to be suspended from the ceiling.



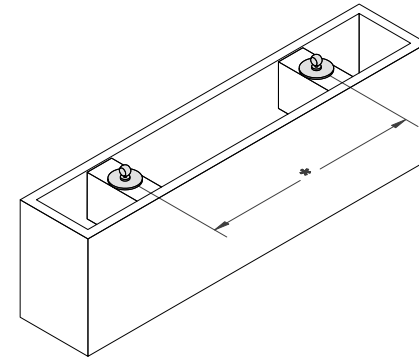
Beams

INSTALLATION INSTRUCTIONS · CLIP MOUNT

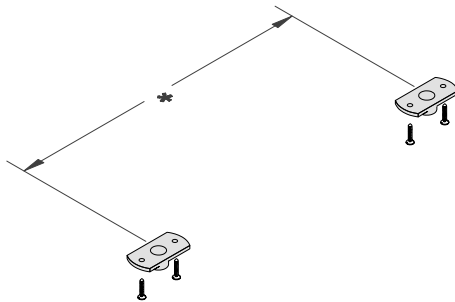
1. Place the Beam face down on a clean surface.



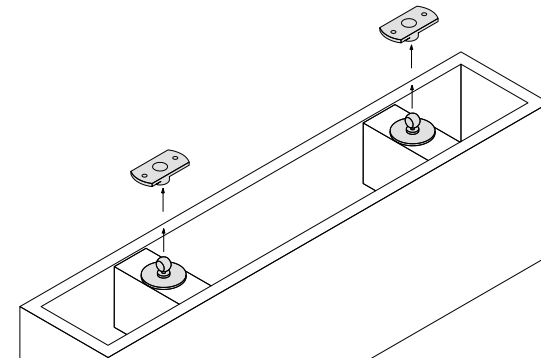
2. Measure the center-to-center dimension between the two male hardware clips. Once all brackets are secured, align it with the clip already attached to the column.



3. Mount the female portion of the clips onto the ceiling, using screws to suit your ceiling material. Ensure that the center-to-center location of the female clips match the Beam hardware dimensions.



4. Now, push the Beam onto the hardware mounted on the ceiling, the Beam hardware will 'click' into the ceiling hardware. Your Beam install is complete.

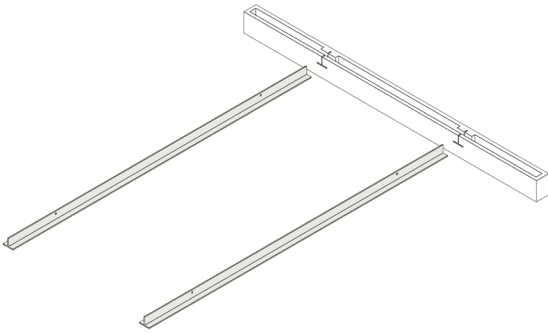


Beams

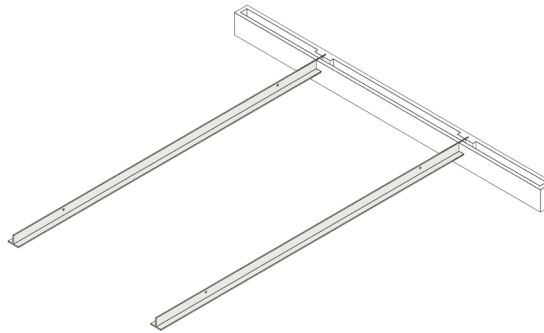
INSTALLATION INSTRUCTIONS · T-TRACK

1. Locate the 'End Cap Beams' (they can be identified by the built-up block on the inside) and the aluminum 'T-track'.

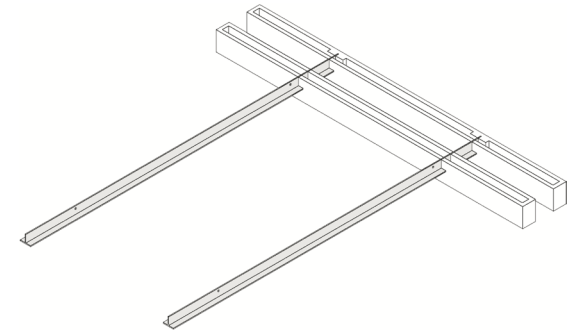
(Note; the top of the baffle will have small holes cut out for the installation hardware).



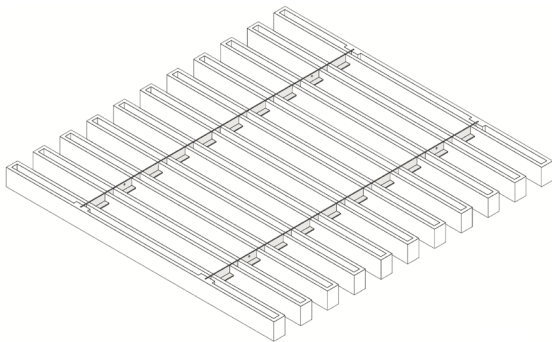
2. Insert the aluminum T-track into the End Cap Beam as shown below:



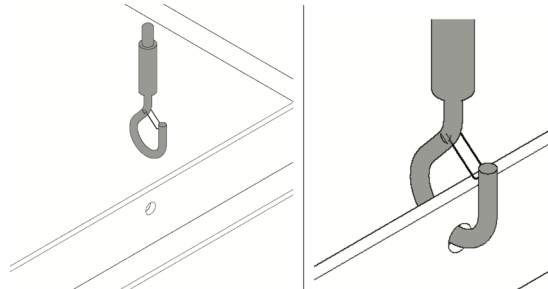
3. Now slide on the intermediate Beams (in numerical order if noted on the Beams), spacing the Beams using spacing tool provided.



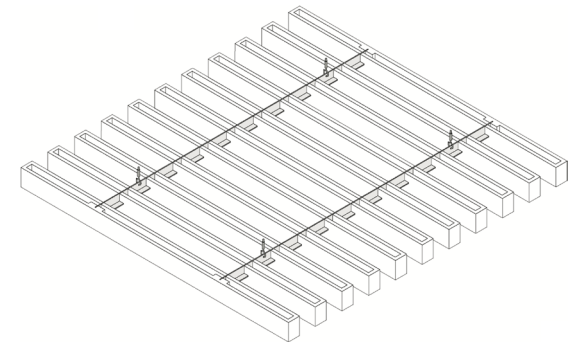
4. Add remaining Beams, ending with a Beam End Cap.



5. Next, attach the 'Clevis-Hook' onto the T-track in the pre-drilled holes.
(Ensure that the spring-loaded safety clip is in the closed position once the hardware is attached).



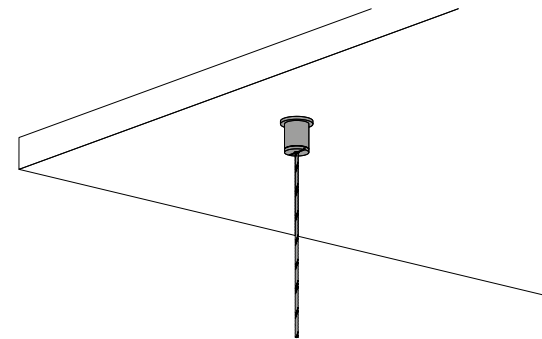
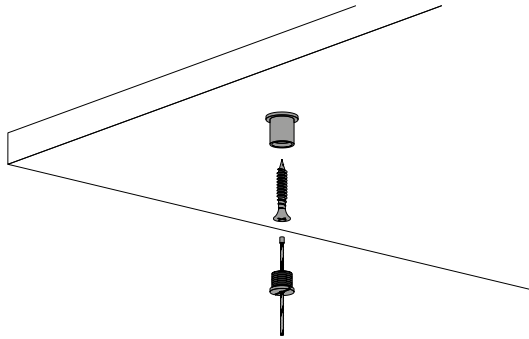
6. When all Clevis-Hooks have been installed, your Linear Beam is now complete and ready to be suspended from the ceiling.
(Please refer to 'single anchor' or 'u-anchor' instructions for the final steps).



Beams

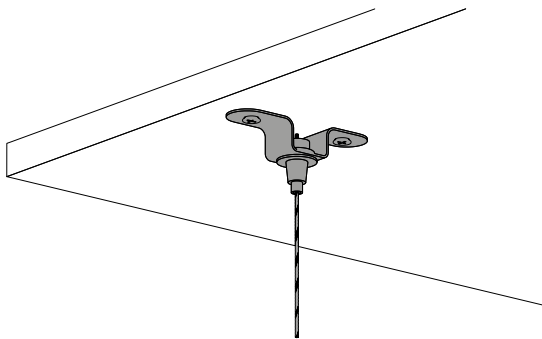
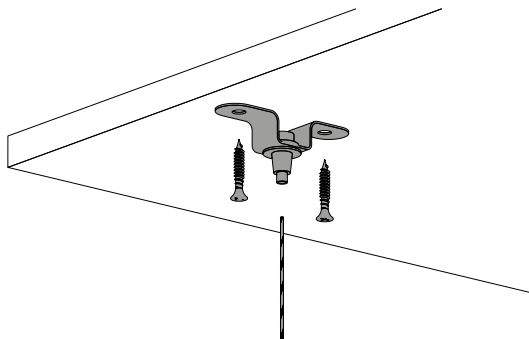
INSTALLATION INSTRUCTIONS · *SINGLE ANCHOR*

1. Secure the nut section of the Single Anchor to the ceiling using hardware recommended for your ceiling material. Now insert the wire cable into the bolt section, ensuring that the steel stub on the cable is seated inside the bolt section.
2. Now thread the bolt section into the nut that is fixed to the ceiling. Your ceiling hardware is now installed and ready for use.



INSTALLATION INSTRUCTIONS · *U-ANCHOR*

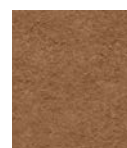
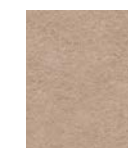
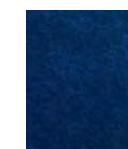
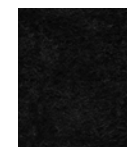
1. Mount the U-Anchor by screwing it to the ceiling using hardware recommended for your ceiling material.
2. Insert approximately 1" of the wire cable into the U-Anchor as shown below. Your ceiling hardware is now installed and ready for use.



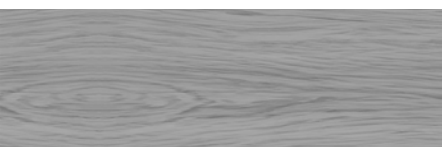
Colour Options

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.

ELEMENT

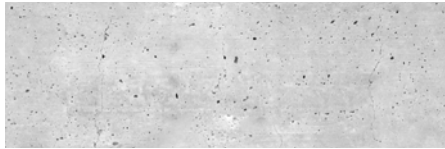
					
SUNFLOWER	APRICOT	WINE	CHERRY	TAMARIND	SALMON
					
GOLD	CARAMEL	CINNAMON	PEARL	MAPLE	MOCHA
					
MOSS	FORREST	CRYSTAL	AQUAMARINE	LAPIS	OCEAN
					
LAKE	ICE	LILAC	CHARCOAL	SLATE	OYSTER
					
SHADOW	CASPER	FOG	SNOW	VANILLA	

WOOD GRAINS

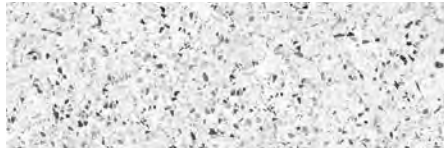
	
HONEY PINE	SAND
	
ANTIQUE OAK	CHERRY
	
WALNUT	MAHOGANY
	
BLACK TEAK	ASHWOOD
	
GREY MAPLE	WHITEMIST

Colour Options (cont.)

CONCRETE & STONE GRAINS



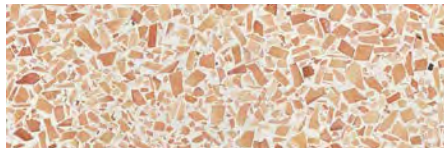
CONCRETE



TERRAZZO GREY



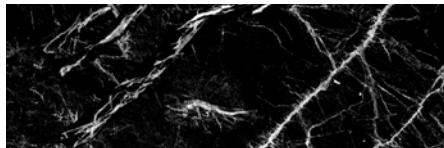
BRECCIA MARBLE



TERRAZZO ORANGE



PANDA MARBLE



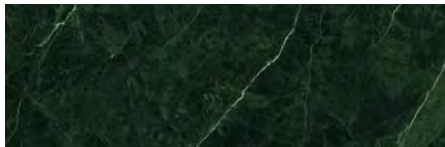
BLACK MARBLE



BLACK AND GOLD GRANITE



GRUNGE MARBLE



GREEN QUARTZ



BLUE GRANITE

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.

COLOUR MATCH SERVICES

Can't find the tone you're looking for?

Hush Acoustics' felt Colour Match services enhance architectural projects with rich visuals and tactile appeal, whether for panels, murals, or other design applications. Our felt brings depth and sophistication to any space, offering a customizable and memorable design element that elevates the overall experience.

With advanced equipment, we produce high-resolution, colour-accurate results that capture subtle gradients and fine textures, all while maintaining acoustic performance. Every Colour Match is carefully managed by our Senior Graphic Designer to ensure that the final output closely aligns with the designer's original vision.

Commonly Matched Materials (matte finishes only):

Wall Paints

Dulux, Benjamin Moore, Behr, and other popular brands

Fabric

From linen to wool, we match not just the colour, but also the texture in most of the cases

Wood Laminates

WilsonArt and other popular brands

Pantone® Hues

We simulate your company's brand tones using the Pantone® Uncoated palette

Stones

We can simulate a wide variety of stone types based on your needs

Generic Textures

Get in touch with our Acoustic Specialists, we will be glad to assist you

Learn More
**COLOUR
MATCH SERVICES**





Beams · Sand Wood Grain · Restaurant

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



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).

hello@hushacoustics.ca · 204.454.1950
31 Limestone Bay, Stonewall, MB
Canada · R0C 2Z0

Follow us on Instagram
@hush.acoustics

hushacoustics.ca

