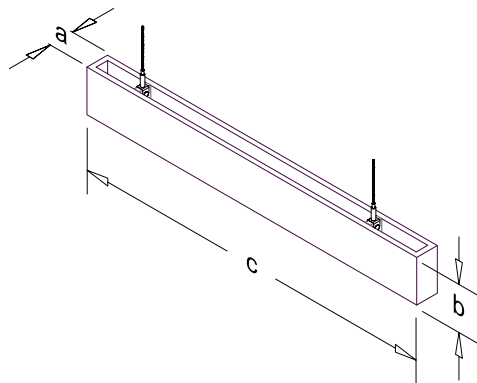


hush.
acoustics



Beam Beams



a = 40	b = 100	**c = 1200
or 50	125	1500
or 100	150	1800
or 50	175	2400
or 100	250	2700

All measurements shown in mm

* Custom sizes available upon request

** Beam length ("c" value) is an independent variable unrelated to "a" and "b"

OVERVIEW

Hush ceiling beams offer a bold design – creating stunning and eye-catching accents.

Hush acoustic panel is manufactured from 100% PET(60% re-cycled material), comprising of flame-retardant fiber as new material to ensure ASTM E84 class A certification. 'Hush' Panels contain no VOC' (Sept 2018) and has a 'Sound absorption Coefficient: NRC = 0.85. (March 2016). The high strength of PET panels in comparison to its weight is the key to its superior energy efficiency.

COLOUR OPTIONS (9mm, 12mm)



Apricot Wine Sunflower Lilac Aquamarine



Ocean Lapis Moss Slate Oyster



Casper Fog Mocha Snow Vanilla

PRINTED WOOD OPTIONS (12mm)



Walnut Cherry

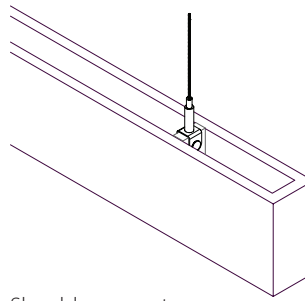


Ashwood Sand

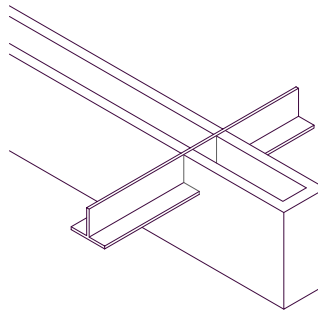


Antique Oak Grey Maple

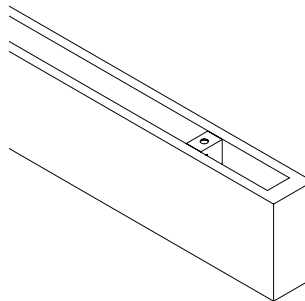
HARDWARE



Shoulder-mount



T-Bar track



Flush Mount

Flame Spread Test & NRC

Determine the Flame Spread and Smoke Developed Values based upon triplicate tests conducted.

PET Felt material, approximately 9 mm in thickness, identified as: "Hush Acoustic PET Felt".

PROCEDURE

The method, designated as CAN/ULC-S102-2018, "*Standard Method of Test for Surface Burning Characteristics of Building Materials and Assemblies*"; is designed to determine the relative surface burning characteristics of materials under specific test conditions. Results of less than three identical specimens are expressed in terms of Flame Spread Value (FSV) and Smoke Developed Value (SDV). Results of three or more replicate tests on identical samples produce average values expressed as Flame Spread Rating (FSR) and Smoke Developed Classification (SDC).

TEST PROCEDURE

The tunnel is preheated to 85°C, as measured by the backwall-embedded thermocouple located 7090 mm downstream of the burner ports, and allowed to cool to 40°C, as measured by the backwall-embedded thermocouple located 4000 mm from the burners. At this time the tunnel lid is raised and the test sample is placed along the ledges of the tunnel so as to form a continuous ceiling 7315 mm long, 305 mm above the floor. The lid is then lowered into place. The Smoke Developed Values is determined by comparing the area under the obscuration curve for the test sample to that of inorganic reinforced cement board and red oak, established as 0 and 100, respectively. The Smoke Developed Value (SDV) is determined by dividing the total area under the obscuration curve by that of red oak and multiplying by 100.

Although the procedure is applicable to materials, products and assemblies used in building construction for development of comparative surface spread of flame data, the test results may not reflect the relative surface burning characteristics of tested materials under all building fire conditions.

TEST RESULTS

Sample: 9mm

Test	Flame Spread Value - FSV	Smoke Developed Value - SDV	Max - Temperature
1	0	26	275
2	0	45	277
3	0	46	250
Average	0	39	

Rounded Average Flame Spread Rating FSR: 0

Rounded Average Smoke Developed Classification SDC: 40

Sample: 12mm

Test	Flame Spread Value - FSV	Smoke Developed Value - SDV	Max - Temperature
1	0	35	287
2	0	42	290
3	0	25	276
Average	0	34	

Rounded Average Flame Spread Rating FSR: 0

Rounded Average Smoke Developed Classification SDC: 35

