

# TAIGA PERFORATED



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## FEATURES & BENEFITS

- Offered in standard pin perforation for ideal mid-range sound absorption & sound attenuation, providing balance to room acoustics.
- Excellent for general commercial construction.
- Excellent for critical lighting applications; Taiga Perforated achieves High Light Reflectance (LR- 0.86).
- Maximum economy and design simplicity.
- Also available in washable & hygienic paint.
- High sound absorption up to 0.7 NRC; specially formulated in 16mm HNRC & 19mm thickness for school and executive offices.

## APPLICATIONS

- Schools
- Healthcare
- Corridors
- Lobby areas
- Executive offices
- Retail stores

	Frequency, Hz	125	250	500	1000	2000	4000	NRC*
Absorption Coefficient	12mm	0.25	<b>0.30</b>	<b>0.40</b>	<b>0.55</b>	<b>0.65</b>	0.70	<b>0.50</b>
	15mm	0.35	<b>0.40</b>	<b>0.40</b>	<b>0.55</b>	<b>0.55</b>	0.55	<b>0.45</b>
	16mm HNRC	0.30	<b>0.35</b>	<b>0.70</b>	<b>0.90</b>	<b>0.85</b>	0.75	<b>0.70</b>
	19mm	0.35	<b>0.40</b>	<b>0.65</b>	<b>0.85</b>	<b>0.85</b>	0.70	<b>0.70</b>

\* Calculated to ASTM C 423-01







# TAIGA PERFORATED



EN 13964 - 2014 + A1 - 2007



PRODUCT CERTIFIED FOR LOW VOC EMISSIONS



HIGH SOUND ABSORPTION



CEILING ATTENUATION CLASS



HIGH RECYCLED CONTENT

## TABLE OF PERFORMANCE

Edge Detail	Item	Size (mm)	NRC	CAC	Light Reflectance	Anti-Mold & Mildew/Sag Resistance	Fire Rating	Recycled Content	VOC Emission	Cost
SQ 	TPS662	600*600*12	0.50	35	86%			25%	Low	\$
	TPS222	610*610*12								
	TPS665	600*600*15	0.45	35	86%			25%	Low	\$
	TPS225	610*610*15								
	TPC665	600*600*15	0.45	35	86%			39%	Low	\$\$
	TPC225	610*610*15								
	TPC625	600*1200*15	0.45	35	86%			39%	Low	\$\$
	TPC245	610*1220*15								
	TPC666-HNRC	600*600*16	0.70	37	86%			82%	Low	\$\$\$
TPC226-HNRC	610*610*16									
TPC669	600*600*19	0.70	37	86%			39%	Low	\$\$\$	
TPC229	610*610*19									
SLT 	TPSR665	600*600*15	0.45	35	86%			25%	Low	\$\$
	TPSR225	610*610*15								
	TPCR665	600*600*15	0.45	35	86%			39%	Low	\$\$
	TPCR225	610*610*15								
	TPCR625	600*1200*15	0.45	35	86%			39%	Low	\$\$
	TPCR245	610*1220*15								
	TPCR666-HNRC	600*600*16	0.70	37	86%			82%	Low	\$\$\$
	TPCR226-HNRC	610*610*16								
	TPCR669	600*600*19	0.70	37	86%			39%	Low	\$\$\$
TPCR229	610*610*19									
FLB 	TPSRF665	600*600*15	0.45	35	86%			25%	Low	\$
	TPSRF225	610*610*15								
	TPCRF665	600*600*15	0.45	35	86%			39%	Low	\$\$
	TPCRF225	610*610*15								
	TPCRF625	600*1200*15	0.45	35	86%			39%	Low	\$\$
	TPCRF245	610*1220*15								
	TPCRF666-HNRC	600*600*16	0.70	37	86%			82%	Low	\$\$\$
	TPCRF226-HNRC	610*610*16								
	TPSRF669	600*600*19	0.70	37	86%			39%	Low	\$\$\$
TPSRF229	610*610*19									

### Low Emissions (VOC)

Third party (GREENGUARD Gold) certified for low-emitting performance, meets California Department of Public Health (CDPH) Standard Method V1.2-2017 using a Classroom Environment. Product tested in accordance with UL 2821 test method to show compliance to emission limits on UL 2818, Section 7.1 and 7.2. UL. Tests are available on usgme.com and at spot.ul.com

### High Recycled Content

Classified as containing greater than 50% total recycled content. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.

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## GRID PROFILE OPTIONS

DX/DXL SQ Edge	DXT SQ Edge	DX/DXL SLT Edge	DXT FLB Edge	DXF FLB Edge

## SPECIFICATION DETAILS

Taiga Perforated Acoustical Ceiling meets specifications in accordance with ASTM E1264 and EN13964.

### Materials Classification

Type: III,  
Form: 2,  
Pattern: C, E

### Substrate and Surface Finish

Mineral fiber substrate finished with factory-applied water-based paint

### Thickness

12mm, 15mm, 16mm, 19mm

### Size

600 x 600mm, 610 x 610mm,  
600 x 1200mm, 610 x 1220mm

### Edge Detail Trim

Square, Reveal [SLT, FLB]

### Weight

12mm [2.85 kg/m<sup>2</sup>, Regular/ ClimaPlus™],  
15mm [3.6 kg/m<sup>2</sup> Regular/ ClimaPlus™],  
16mm [3.85 kg/m<sup>2</sup> Regular/ ClimaPlus™],  
19mm [4.5 kg/m<sup>2</sup> Regular/ ClimaPlus™]

### Noise Reduction Coefficient [NRC]

[0.45] [0.50] [0.70]

### Ceiling Attenuation Class [CAC]

[35 - 37 dB]

### Humidity Resistance

Maximum 99% RH / 40°C for ClimaPlus™

### Light Reflectance Coefficient [LR]

0.86

### Color

White similar to RAL 9016

### Surface Burning Characteristics as per

#### ASTM E84

Class A

### Reaction to Fire as per EN 13501-1

Euroclass A2-s1, d0

### Thermal Conductivity

λ = 0.057 W/m<sup>2</sup>K

### Washability / Scrubbability as per ASTM D4828 & D2486

Exceeds 1000 Wash/Scrub cycles without surface break or the extent of abrasion upon request

### VOC Class

Greenguard Gold

### Formaldehyde Classification

Class E1 as per EN717-1

### Relevant LEED® Credit

EA Credit 1 | MR Credit 4 | MR Credit 5 |  
MR Credit 6 | IEQ Credit 3 | IEQ Credit 3.2 |  
IEQ Credit 4.6 | IEQ Credit 8.1 | IEQ Credit 9

### Notice:

As we are involved in constant products development; this document information is subject to change without prior notice. Please always refer to [usgme.com](http://usgme.com) for the updated products information document.

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