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TAIGA PLAIN DESIGN

CHESSBOARD DESIGN

COMET LINE DESIGN

FEATURES & BENEFITS

- Taiga is available in three different surface designs: Plain, Chessboard, and Comet Line.
- Taiga panels were developed to meet today's trend for cleaner finishes with high light reflectance at 86%; improves day lighting which results in energy cost savings and increased comfort level.
- Enhanced surface durability makes Taiga more resistant to normal dirt and wear and tear, enhancing the product's lifespan.
- Low sound absorption, ideal where increased room reverberation is desired.
- High humidity resistant in ClimaPlus™, suitable for applications with intermittent heating and cooling.
- Available in Pedestal edge for 19mm thickness.

APPLICATIONS

- Showrooms and lounges
- Shops
- Supermarkets and departments stores
- Luxury retail stores
- General offices
- Municipal buildings
- Warehouses

Absorption Coefficient	Frequency, Hz	125	250	500	1000	2000	4000	NRC***
	15mm	0.35	0.25	0.10	0.15	0.20	0.45	0.15
19mm*	0.30	0.25	0.25	0.30	0.40	0.60	0.30	
19mm**	0.25	0.25	0.25	0.30	0.35	0.50	0.30	

* Chessboard Design

** Comet Line Design

*** Calculated to ASTM C 423-01



TAIGA



EN 13964 : 2014 + A1 : 2007



PRODUCT CERTIFIED FOR LOW VOC EMISSIONS



CEILING ATTENUATION CLASS

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 	TS665	600*600*15	0.15	33	86%			25%	Low	\$\$
	TS225	610*610*15								
	TS669	600*600*19	0.15	37	86%			25%	Low	\$\$\$
	TS229	610*610*19								
SLT 	TSR665	600*600*15	0.15	33	86%			25%	Low	\$\$
	TSR225	610*610*15								
	TSR669	600*600*19	0.15	37	86%			25%	Low	\$\$\$
	TSR229	610*610*19								
	TSRCHS669	600*600*19	0.30	35	83%			25%	Low	\$\$\$
	TSRCHS229	610*610*19								
	TSRC669	600*600*19	0.30	35	83%			32%	Low	\$\$\$
TSRC229	610*610*19									
FLB 	TSRF665	600*600*15	0.15	33	86%			25%	Low	\$\$\$
TSRF225	610*610*15									
PEDESTAL 	DP1TSRI669	600*600*19	0.15	37	86%			25%	Low	\$\$\$
	DP1TSRI229	610*610*19								
	DP4TSRI669	600*600*19	0.15	37	86%			25%	Low	\$\$\$
	DP4TSRI229	610*610*19								
	CHSR669	600*600*19	0.30	35	86%			25%	Low	\$\$\$
CHSR229	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

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GRID PROFILE OPTIONS

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

SPECIFICATION DETAILS

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

Materials Classification

Type: III,
Form: 2,
Pattern: G, K

Substrate and Surface Finish

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

Thickness

15mm, 19mm

Size

600 x 600mm, 610 x 610mm

Edge Detail Trim

Square,
Reveal [SLT, FLB, Pedestal]

Weight

15mm [3.6 kg/m², Regular/ ClimaPlus™]
19mm [4.5 kg/m², Regular/ ClimaPlus™]

Noise Reduction Coefficient [NRC]

[0.15][0.30]

Ceiling Attenuation Class [CAC]

[33 - 37 dB]

Humidity Resistance

Maximum 95% RH / 40°C for ClimaPlus™

Light Reflectance Coefficient [LR]

0.83-0.86

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

$\lambda = 0.057 \text{ W/m}^2\text{K}$

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:

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