

MINERAL FIBER CEILINGS FOR COMMERCIAL SPACES

TAIGA



EN 13964 : 2014 + A1 : 2007



PRODUCT
CERTIFIED
FOR LOW VOC
EMISSIONS



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CEILING
ATTENUATION
CLASS

TAIGA

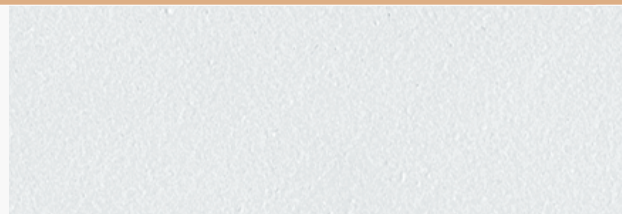
FEATURES AND BENEFITS

- 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%; improving daylighting results in energy cost savings and increased comfort.
- Enhanced surface durability makes Taiga more resistant to everyday dirt and wear and tear, improving the product's lifespan.
- Low sound absorption is ideal where increased room reverberation is desired.
- High humidity resistance in ClimaPlus™, suitable for intermittent heating and cooling applications.
- Available in Pedestal edge.

APPLICATIONS

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

PLAIN



CHESSBOARD



COMET LINE



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



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TABLE OF PERFORMANCE

Edge Detail	Item	Size (mm)	NRC	CAC	Light Reflectance	Anti-Mold & Mildew/Sag Resistance	Fire Rating	Recycled Content	VOC Emission	Cost
	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								
	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								
	CHSR669	600*600*19	0.30	35	83%			25%	Low	\$\$\$
	CHSR229	610*610*19								
	CSR669	600*600*19	0.30	35	83%			32%	Low	\$\$\$
	CSR229	610*610*19								
	TSRF665	600*600*15	0.15	33	86%			25%	Low	\$\$\$
	TSRF225	610*610*15								
	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								

Low Emissions (VOC)

Third party (GREENGUARD & 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

GRID PROFILE OPTIONS

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

SPECIFICATIONS
DETAILS

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

Materials Classification

Type A, Form A1, 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

Standard White

Mold Prevention Application as per ASTM D3273

Rate 9: Resistant to mold growth.
Panels are available upon request

Surface Burning Characteristics as per ASTM E84

Class A

Reaction to Fire as per EN 13501-1

Euroclass A2-s1, d0

Fire Rating as per BS 476 (Firechief™ Option)

1hr Time-rated assembly

Thermal Conductivity

λ = 0.057 W/m²K

VOC Class

Greenguard & Greenguard Gold

Formaldehyde Classification

Class E1 as per EN717-1

Washability / Scrubbability as per ASTM D4828 & D2486

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

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

Disclaimer:

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