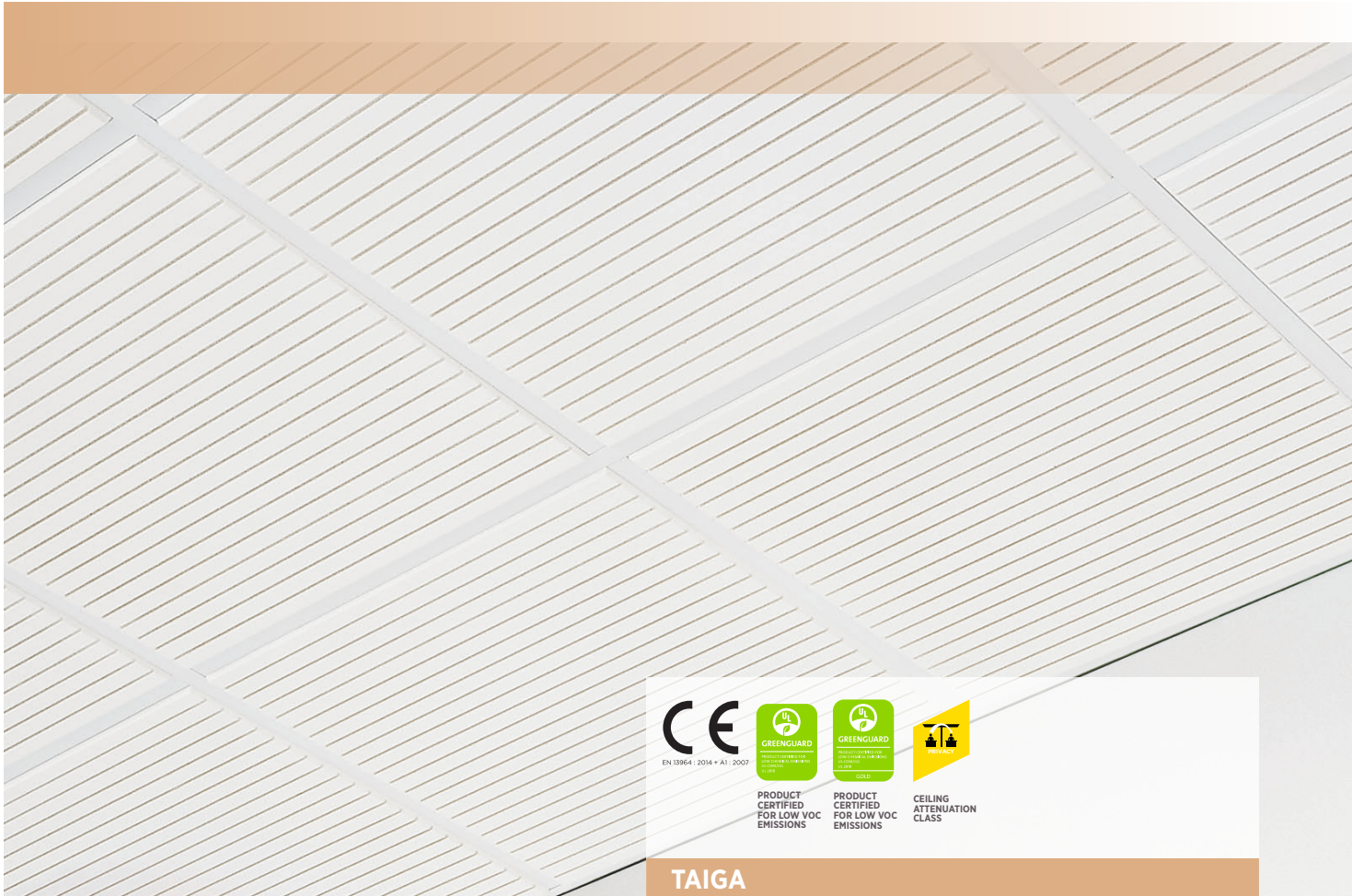


# MINERAL FIBER CEILINGS FOR COMMERCIAL SPACES

## TAIGA



EN 13964 : 2014 + A1 : 2007



PRODUCT  
CERTIFIED  
FOR LOW VOC  
EMISSIONS



PRODUCT  
CERTIFIED  
FOR LOW VOC  
EMISSIONS



CEILING  
ATTENUATION  
CLASS

### TAIGA

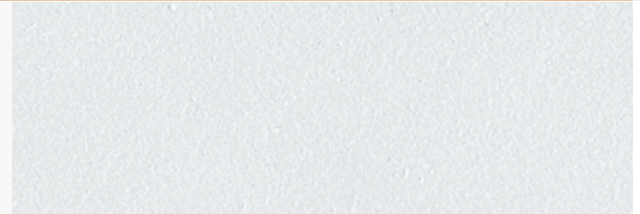
## FEATURES AND BENEFITS

- 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.

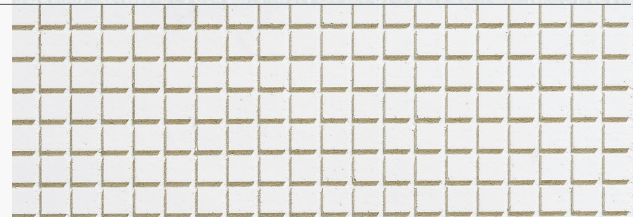
## APPLICATIONS

- 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

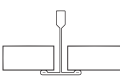
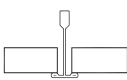
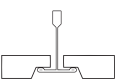
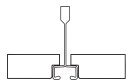
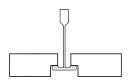
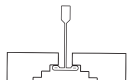
\*\* Comet Line Design

\*\*\*Calculated to ASTM C 423-01

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								
	CHSR669	600*600*19	0.30	35	83%			25%	Low	\$\$\$
	CHSR229	610*610*19								
FLB 	CSR669	600*600*19	0.30	35	83%			32%	Low	\$\$\$
	CSR229	610*610*19								
PEDESTAL 	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: 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**
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