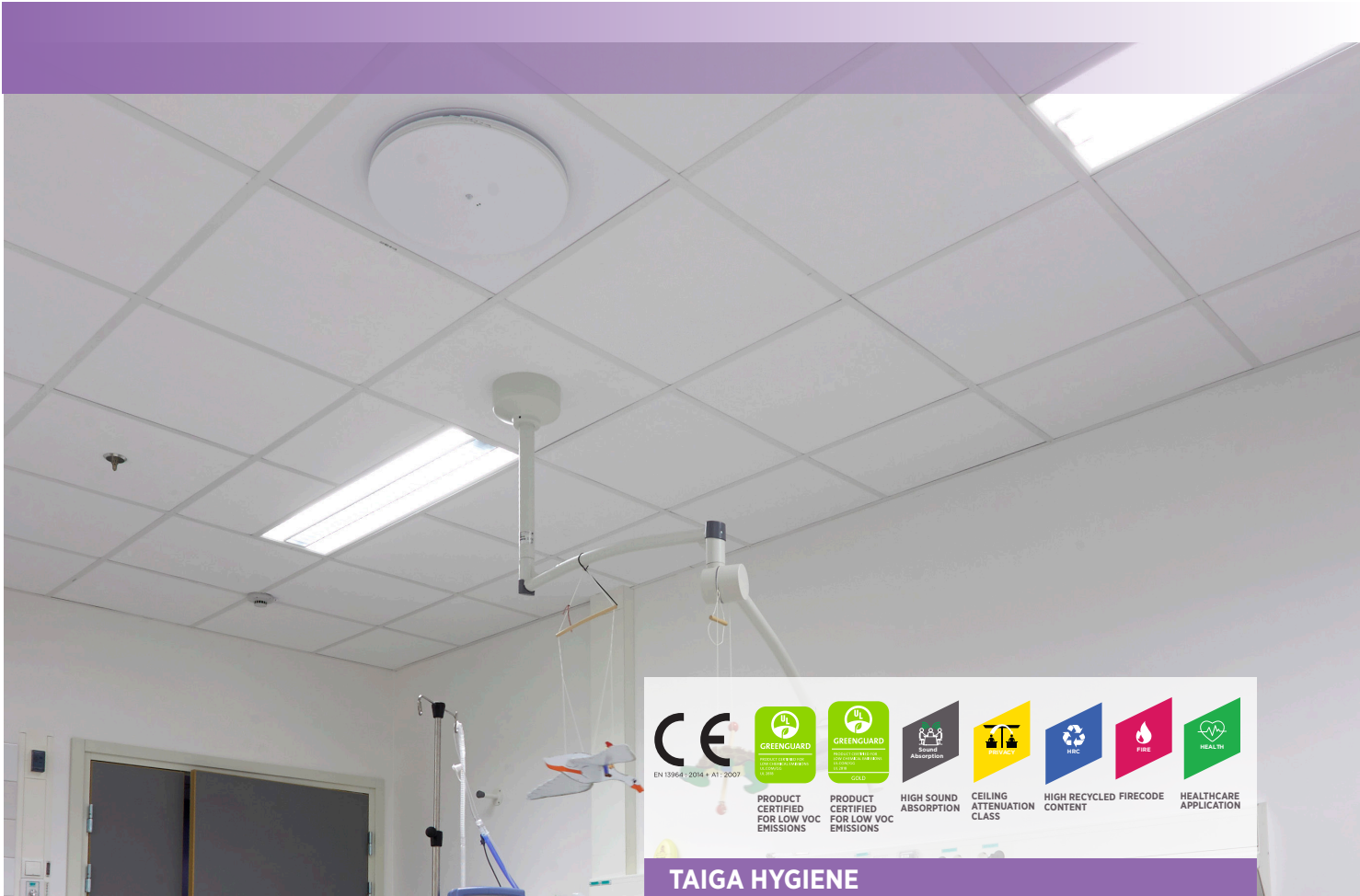


MINERAL FIBER TAIGA HYGIENE



EN 13964:2014 + A1:2007
 PRODUCT CERTIFIED FOR LOW VOC EMISSIONS
 PRODUCT CERTIFIED FOR LOW VOC EMISSIONS
 HIGH SOUND ABSORPTION
 CEILING ATTENUATION CLASS
 HIGH RECYCLED CONTENT
 FIRECODE
 HEALTHCARE APPLICATION

TAIGA HYGIENE

FEATURES AND BENEFITS




- Taiga Hygiene in normal conditions, face and back, is ISO 4 according to the ISO 14644-1: 2015 norm.
- All Taiga Hygiene items have a special fungicide treatment in the core and on the finished painted surface to enhance resistance to the growth of micro-organisms and ensure regular cleanability. It contains a broad spectrum of antimicrobial additives on the face and back of the panel, which provides resistance against the growth of mold and mildew.
- The microbiological class according to the norm NF S 90-351: 2013 is as follows: M100 / area 2 (Klebsiella pneumoniae), M1 / area 4 (Acinobacter baumannii, Staphylococcus aureus MRSA, Bacillus cereus, Streptococcus pneumoniae, Escherichia coli, Candida albicans), <1 / area 2,3,4 (Aspergillus brasiliensis).
- Taiga Hygiene has been developed to meet the most stringent standards for hygiene and cleanability.
- High light reflectance performance 86%.
- High humidity resistance in ClimaPlus™, suitable for intermittent heating and cooling applications.

APPLICATIONS AS PER 2018 FGI GUIDELINES

- Class 1 MRI and imaging rooms
- Laboratories
- Nurse's stations



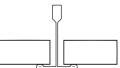
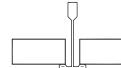

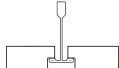
TABLE OF PERFORMANCE

Edge Detail	Item	Size (mm)	NRC	CAC	Light Reflectance	Anti-Mold & Mildew/Sag Resistance	Fire Rating	Recycled Content	VOC Emission	Cost
	THS665	600*600*15	0.15	33	86%			25%	Low	\$\$
	THS225	610*610*15								
	THS669	600*600*19	0.15	36	86%			25%	Low	\$\$\$
	THSR665	600*600*15	0.15	33	86%			25%	Low	\$\$
	THSR225	610*610*15								
	THSR669	600*600*19	0.15	36	86%			25%	Low	\$\$\$
	THSRF669	600*600*19	0.15	36	86%			25%	Low	\$\$\$
	THSRF229	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	DXT FLB Edge
			

SPECIFICATIONS DETAILS

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

Materials Classification

Type A, Form A1, Pattern G

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]

Weight

15mm [3.6 kg/m² Regular/ClimaPlus™],

19mm [4.5 kg/m² Regular/ClimaPlus™]

Noise Reduction Coefficient

[NRC]

[0.15]

Ceiling Attenuation Class [CAC]

[33 - 36 dB]

Clean Room Classification as per ISO 14644-1

ISO 4

Mold Prevention Application as per ASTM D3273

Rate 9: Resistant to mold growth

Humidity Resistance

Maximum 99% RH / 40°C for ClimaPlus™

Light Reflectance Coefficient [LR]

0.86

Color

Standard White

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

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

VOC Class

Greenguard & Greenguard Gold

Washability / Scrubbability as per ASTM D4828 & D2486

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

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

Disclaimer:

Information contained in this document is subject to change without prior notice due to our ongoing product development. We recommend referring to the website usgme.com for the most up-to-date and accurate product information.