MINERAL FIBER
TAIGA HYGIENE

CE — EN 13964 : 2014 + A1 : 2007

GREENGUARD — PRODUCT CERTIFIED FOR LOW VOC EMISSIONS

GREENGUARD GOLD — PRODUCT CERTIFIED FOR LOW VOC EMISSIONS

Sound Absorption — HIGH SOUND ABSORPTION

PRIVACY — CEILING ATTENUATION CLASS

HRC — HIGH RECYCLED CONTENT

FIRE — FIRECODE

HEALTH — 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
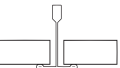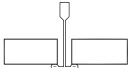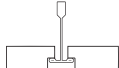- Laboratories
- Nurse's stations

TABLE OF PERFORMANCE

Edge Detail	Item	Size (mm)	NRC	CAC	Light Reflectance	Anti-Mold & Mildew/ Sag Resistance	Fire Rating	Recycled Content	VOC Emission	Cost
SQ	THS665 THS225	600*600*15 610*610*15	0.15	33	86%			25%	Low	$$
	THS669 THS229	600*600*19 610*610*19	0.15	36	86%			25%	Low	$$$
SLT	THSR665 THSR225	600*600*15 610*610*15	0.15	33	86%			25%	Low	$$
	THSR669 THSR229	600*600*19 610*610*19	0.15	36	86%			25%	Low	$$$
FLB	THSRF669 THSRF229	600*600*19 610*610*19	0.15	36	86%			25%	Low	$$$

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 A1.2, 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
λ = 0.057 W/m°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

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