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FEATURES & BENEFITS

- Taiga Hygiene in normal condition face and back is ISO 4 according to the norm ISO 14644-1 : 2015.
- All Taiga Hygiene items have a special fungicide treatment in the core and on the finished painted surface to enhance resistance to growth of micro-organisms and ensure regular cleanability. 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 following: 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 resistant in ClimaPlus™, suitable for applications with intermittent heating and cooling.

APPLICATIONS AS PER 2018 FGI GUIDELINES

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

TAIGA HYGIENE



EN 13964 : 2014 + A1 : 2017



PRODUCT CERTIFIED FOR LOW VOC EMISSIONS



CEILING ATTENUATION CLASS



HEALTHCARE APPLICATION

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	\$\$\$
	THS229	610*610*19								
	THSR665	600*600*15	0.15	33	86%			25%	Low	\$\$
	THSR225	610*610*15								
	THSR669	600*600*19	0.15	36	86%			25%	Low	\$\$\$
	THSR229	610*610*19								
	THSRF669	600*600*19	0.15	36	86%			25%	Low	\$\$\$
	THSRF229	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

GRID PROFILE OPTIONS

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

SPECIFICATION DETAILS

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

Materials Classification

Type: III,
Form: 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 10

Humidity Resistance
Maximum 99% RH / 40°C for ClimaPlus™

Light Reflectance Coefficient [LR]
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

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