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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
- 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 demand on hygiene and clean ability
- All Taiga Hygiene items have a special fungicide treatment in the core and on the finished painted surface to enhance the resistance to growth of micro-organisms and ensure regular clean ability. It contains a broad spectrum antimicrobial additive on the face and the back of the panel that provides resistance against the growth of mold and mildew
- 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 & Imaging Rooms
- Laboratories
- Nurse's Stations
- Patient Rooms
- Pharmacies

USG TAIGA HYGIENE ACOUSTICAL CEILING



TABLE OF PERFORMANCE

Edge Detail	Item	Size (mm)	NRC	CAC	LR			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								

GRID PROFILE OPTIONS

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

SPECIFICATION DETAILS

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

Materials Classification
Type: III,
Form:2,
Pattern: G

Substrate and Surface Finish
Mineral Fiber substrate 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 dB] [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, Flame Spread: 10,
Smoke development: 20

Reaction to Fire as per EN 13501-1
Euroclass A2-S1,d0

Thermal Resistance
15mm [0.23 m² °K/W - R 1.3],
19mm [0.31 m² °K/W - R 1.8]

Washability / Scrubbability as per ASTM D4828 & D2486
Exceeds 1000 Wash/Scrub cycles without surface break or the extent of abrasion upon request

VOC Class
Green Guard Gold

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