



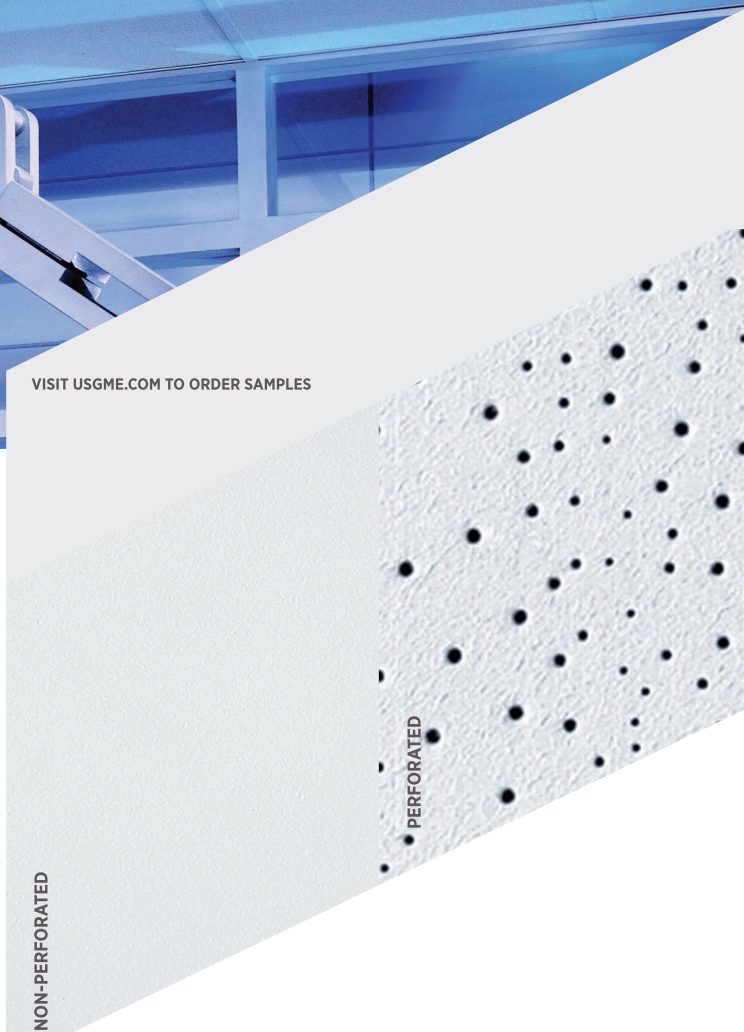
VISIT USGME.COM TO ORDER SAMPLES

FEATURES & BENEFITS

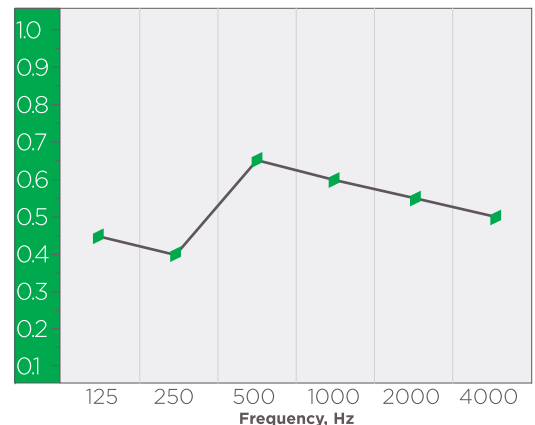
- Have an embossed, vinyl-laminated face with sealed back and edges for use in Class 100 (Clean Room™ NonPerforated pattern cross reference to Class 5 per ISO 14644-1) or 10M-100M clean rooms as per Federal standard 209E for Classification by Airborne particles
- Available in multi perforation pins option for acoustics areas with high humidity resistant performance and anti-mold, mildew growth
- Made with Fire code base materials to meet life safety codes
- Classified HRC panels (High Recycled Content) which is greater than 50%
- Recommended to be used with CE grid (gasketed tee flanges) for Hospitals Laboratories and Hospitals General Areas
- Certified USDA bio based product requirements for food processing areas where Clean Room™ has achieved both Bio-Preferred initiatives: Federal Procurement Preference and Certified Product Labeling
- Cleanroom classified, meets Federal Spec. 209E for non-perforated "Clean Room™ and work station Requirements, controlled environment"
- Washable, scrubbable resistance
- High humidity resistant and anti-mold, mildew growth

APPLICATIONS AS PER 2018 FGI GUIDELINES

- Class 1 MRI & Imaging Rooms
- Food Preparation
- Food Storage
- Hydro-therapy Rooms
- Laboratories
- Laundry Areas
- Pharmacies
- Ware Washing



NON-PERFORATED
Sound Absorption 19 mm (perforated)



CLEAN ROOM™ ACOUSTICAL CEILING



TABLE OF PERFORMANCE

Edge Detail	Item	Size (mm)	NRC	CAC	LR			Recycled Content	VOC Emission	Cost
	CLX665	600*600*15	0.1	37	80%			52%	N/A	\$\$\$\$
	CLX225	610*610*15								
	CLX625	600x1200x15	0.1	37	80%			52%	N/A	\$\$\$\$
	CLX245	610x1220x15								
	CLX669	600x600x19	0.1	38	80%			52%	N/A	\$\$\$\$
	CLX229	610x610x19								
	CLX629	600x1200x19	0.1	38	80%			52%	N/A	\$\$\$\$
	CLX249	610x1220x19								
	CLXP669	600*600*19	0.65	38	79%			52%	N/A	\$\$\$\$
	CLXP229	610*610*19								
	CLXP629	600*1200*19	0.65	38	79%			52%	N/A	\$\$\$\$
	CLXP249	610*1220*19								

GRID PROFILE OPTIONS

DX/DXL SQ Edge	CE SQ Edge

SPECIFICATION DETAILS

<p>Clean Room™ Acoustical Ceiling meets the requirements in accordance with ASTM E1264 and EN13964.</p> <p>Materials Classification Type: X, Form: 2, Pattern: C, G, I</p> <p>Substrate and Surface Finish Embossed Vinyl-faced with field cut-edges sealed with water-based paint</p> <p>Thickness 15mm, 19mm</p> <p>Size 600 x 600mm, 610 x 610mm, 600 x 1200mm, 610 x 1220mm</p> <p>Edge Detail Trim Square</p>	<p>Weight 15mm [5.25 kg/m², Fire Code], 19mm [6.65 kg/m², Fire Code]</p> <p>Noise Reduction Coefficient [NRC] [0.1] [0.65]</p> <p>Ceiling Attenuation Class [CAC] [37 dB] [38 dB]</p> <p>Clean Room Classification as per ISO 14644-1 ISO 5</p> <p>Mold Prevention Application as per ASTM D3273 Inherent to Mold/Mildew growth</p> <p>Humidity Resistance Maximum 99% RH / 40°C for ClimaPlus</p> <p>Light Reflectance Coefficient [LR] [0.79] [0.80]</p> <p>Color White similar to RAL 9016</p>	<p>Surface Burning Characteristics as per ASTM E84 Class A, Flame Spread: 25, Smoke development 45</p> <p>Reaction to Fire as per EN 13501-1 Euroclass A2-S1,d0</p> <p>Fire Rating as per ASTM E119 3hrs Time-Rated Assembly [D218]</p> <p>Thermal Resistance 15mm [0.23 m² °K/W - R 1.3], 19mm [0.31 m² °K/W - R 1.8]</p> <p>Washability / Scrubbability as per ASTM D4828 & D2486 Exceeds 1000 Wash/Scrub cycles without surface break or the extent of abrasion</p> <p>VOC Class Green Guard Gold</p> <p>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</p>
---	---	--

Notice:
As we are involved in constant products development; this document information is subject to change without prior notice. Please always refer to usgme.com for the updated products information document.

©2020 Factory of USG Middle East LTD. Co. All rights reserved.

