

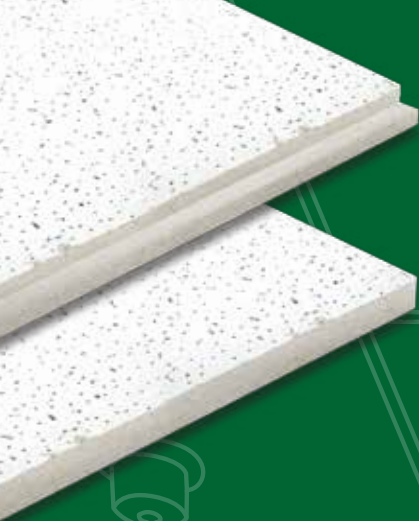


Acoustical Ceiling Panels (USG)

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Impressions™ ClimaPlus™ Ceiling



Physical data

It is a sound absorption wet-formed mineral fiber surfaced with vinyl latex paint, ready to install smooth, aesthetic, clean and modern design.

Technical data

Features	Advantages	
Weight	3.86 - 4.23 kg/sq.m.	Construction cost saving.
Insulation value	R Factor 1.7(BTU units)	Reduce thermal transfer and energy loss.
Fire performance	Class A*	Non combustible, non toxic
NRC (UL Classified)	0.55 : ASTM C423	Sound absorption
CAC	33 - 35 dB	Reduce sound transmission
Light reflectance	0.86 : ASTM E1477- 98a	Excellent light reflective finish

* Class A : Flame Spread 25, Smoke developed : 50 /ASTM E84, ASTM E1264

ClimaPlus™ 10-year lifetime system warranty to withstand conditions up to 49°C/99% relative humidity without visible sag.

Low Emission (VOC Class)
Low emitting performance meets ASTM D5116-06 classification testing of Singapore Green Building Council (SGBC)

Visual selection and T-bar system

Edge	Series	Size	T-Bar system	System	Flange width
	ME905	593 x 593 x 16mm	Elephant T-bar	Metric	24mm.
	ME908	593 x 1194 x 16mm			24mm.
	ME903	593 x 593 x 16mm			24mm., 14mm.
	ME904	593 x 1194 x 16mm			24mm., 14mm.

Specification

Use Impressions™ ClimaPlus™ acoustic ceiling (USG) mineral fiber, series ME905 in tegular edge with thickness 16mm., size 593 x 593, RH value 99%, heat insulation up to 49°C. ClimaPlus™ 10-year lifetime system warranty against visible sag. Installed with Elephant T-bar metal profile. Material made from hot-dipped Galvanized steel, double web construction body, coated with epoxy primer and white matte polyester laminated, 32mm., or 38mm. height, 24mm width an 0.35mm thickness.

*Specification details can be applied with series, nominal sizes and T-bar system as suggested in the table

Advantages

- ClimaPlus™ 10-year lifetime system warranty to withstand conditions up to 49°C/99% relative humidity without visible sag.
- Excellent sound absorption and protection.
- Internal noise level reduction.
- Reduce thermal transfer and energy loss.
- Excellent light reflective finish reduces light fixtures and energy use with up to 80%.
- Non-combustible.
- Lightweight, construction cost saving.
- Micro fissure non-directional pattern for a cleaner, whiter appearance, reduces installation time and waste. Painting finished.
- Available in Optimized Recycled Content formulations to help maximize LEED recycled content contribution.
- Mold prevention. Manufactured in accordance with ASTM D3273 classification.

Applications

- Schools
- Retail stores
- Corridors
- Cinemas, Theatres
- Lobby areas
- Restaurants, Cafes
- Offices



The Siam Gypsum Industry (Saraburi) Co., Ltd
A member of USG Boral