



Product Datasheet

03-2024

USGKnauf PIN PERF™ CLIMAPLUS™

Features and benefits

- All-purpose ceiling pattern offered in Random, Fine & Course pin perforation for ideal sound absorption & sound attenuation, providing balance to room acoustics.
- Excellent for general commercial construction.
- Excellent for critical lighting applications; achieves High Light Reflectance.
- Maximum economy and design simplicity.
- High Humidity Resistance up to RH-99%.

Applications

- Offices
- Retail Stores
- Corridors
- Schools
- Lobby Areas
- Executive Offices

Table of Performance

Edge	Panel Size ¹	Item No.	NRC	CAC	LR ²	Grid Options	Colour	Fire Class	VOC emissions	Recycled Content
SQ 	600 x 600 x 16 mm	782875	0.6	33	0.88	A, B, C	White	Class A/ Class 0	Low	43%
	600 x 1200 x 16 mm	759613	0.6	35	0.88	A	White	Class A/ Class 0	Low	43%
FLB 	600 x 600 x 16 mm	782865	0.6	33	0.88	E, F, G	White	Class A/ Class 0	Low	43%
	600 x 1200 x 16 mm	797823	0.6	35	0.88	E, F, G	White	Class A/ Class 0	Low	43%
SLT 	600 x 600 x 16 mm	782872	0.6	33	0.88	D	White	Class A/ Class 0	Low	43%
	600 x 1200 x 16 mm	759615	0.6	35	0.88	D	White	Class A/ Class 0	Low	43%

Grid Profile Options

A	B	C	D	E	F	G
UNI T 24 UNI T 24 Pro Unilite	UNI T 15 UNI T 15 Pro	Omega	UNI T 24 UNI T 24 Pro Unilite	UNI T 15 UNI T 15 Pro	Microline	Omega

Additional Technical Details

Material Classification

Classification as per ASTM 1264
Type: III, Form: 2, Pattern: C, E

Fire Performance

Class A as per ASTM E84
Class 0/Class 1 as per BS 476 Part 6 & 7

VOC Emission

Meets the emission test criteria as low-emitting prescribed by the Singapore Green Building Council (SGBC) following ASTM D5116-06 testing methods.

Substrate and Surface Finish

Water-felted mineral-fiber

Thermal Resistance

R - 1.7

Mold and Mildew Resistance

Contains a broad-spectrum antimicrobial additive on the face and back of the panel that provides resistance against the growth of mold and mildew confirming to ASTM D3273.

Metric Weight

4.08-4.18 kg/m²

Thermal Conductivity

k/λ - 0.052 to 0.057 W/m °K

Humidity Limiting Conditions

Maximum up to 49°C (120°F) / 99% RH

Maintenance and Cleaning

General cleaning of dust and loose dirt may be easily achieved using a soft brush or vacuum cleaner.

Footnotes

1. Given panel sizes are nominal sizes. Not all panel sizes are available in all geographic areas, some sizes are available on request.
2. LR values are shown as averages.

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