

# Fiberglass insulation Linear Radiant Ceiling Panels



## Description

An efficient thermal and acoustical insulation blanket made from rotary-process glass fibers bonded with a thermosetting resin.

These resilient fiberglass blankets resist damage and are easily cut with a knife, shear, or steel rule die. The insulation readily conforms to curved and irregular shapes. The blankets do not contribute to or absorb odors.

## Thermal performance

Thickness		Density		Mean Temp at 75° F(24 °C)	
in	mm	pcf	kg/m <sup>3</sup>	Btu/(hr•ft <sup>2</sup> •°F)	W/m <sup>2</sup> •°C
1	25.4	1.56	25	0.24	0.035

## Sound absorption coefficients (type “A” mounting)

Thickness		Sound absorption coefficient at frequency (cycles per second) of						
in	mm	125	250	500	1000	2000	4000	NRC
1	25.4	0.10	0.28	0.62	0.84	0.95	0.97	0.65

1. Coefficients were tested in accordance with Test Method ASTM C 423-90 and ASTM E 795.
2. Noise reduction coefficient.



## Specification compliance

- Fire Hazard Classification
- ASTM E84, UL 723, and CAN/ ULC S102-M88
- NFPA 90A and 90B
- 25 Flame Spread
- 50 Smoke Developed