ARCHITECTURAL COMPOSITE PANELS

Kleidco FR

PVDF-coated aluminum composite panels with a mineral-filled core for commercial and residential facade cladding.



SYSTEM HIGHLIGHTS

- Aluminum skins with a mineral-filled core
- PVDF-coated exterior surface
- Project-specific finishes and detailing

PANEL CONSTRUCTION

Panel thickness	≈0.157″ (4 mm)
Aluminum skin - each side	≈0.020″ (0.5 mm)
Core thickness	≈0.118″ (3 mm)
Exterior coating	PVDF

TESTED PERFORMANCE

Flame-spread index ASTM E84-24	0	
Smoke-developed index ASTM E84-24	0	
Drum peel · cross ASTM D1781-98 (2021)	95.3	N·mm/mm
Drum peel · machine ASTM D1781-98 (2021)	96.1	N·mm/mm

Published data is subject to change depending on panel configuration, thickness, test specimen sizes and test conditions. Drum-peel values are average torque per unit width.

LET'S PLAN YOUR PROJECT

System selection · Profile sections · Project-specific documentation

usa@kleidco.com