



SECUROCK™ ROOF BOARD FM 4470 TEST DATA

SECUROCK™ ROOF BOARD Tested as a thermal barrier or overlayment board in accordance with FM Standard 4470¹

Usage	Minimum Thickness	Application	Attachment	Fasteners per 4'x8' Sheet	Roof Cover	Passing Pressure ²
Overlayment	½"	Mechanically attached to steel or concrete deck	4 ft ² per fastener	8	Fully adhered single-ply membrane	75 psf
Overlayment	¼"	Mechanically attached to steel or concrete deck	2.67 ft ² per fastener	12	Cold-applied modified bitumen	90 psf
Overlayment	¼"	Mechanically attached to steel or concrete deck	3.2 ft ² per fastener	10	Fully adhered single-ply membrane	90 psf
Overlayment	¼"	Mechanically attached to steel or concrete deck	4 ft ² per fastener	8	BUR or torch-applied or asphalt-applied modified bitumen	90 psf
Overlayment	¼"	Bonded over mechanically attached insulation	Applied in hot asphalt or insulation adhesive	-	BUR or torch-applied, asphalt-applied or self-adhering modified bitumen, or fully adhered single-ply membrane	90 psf
Overlayment	3/8"	Mechanically attached to steel or concrete deck	3.2 ft ² per fastener	10	BUR or torch-applied, asphalt applied modified bitumen	90 psf
Overlayment	3/8"	Mechanically attached to steel or concrete deck	2.67 ft ² per fastener	12	Self-adhering modified bitumen	90 psf
Thermal barrier	½"	Mechanically attached to steel deck	4 ft ² per fastener	8	Insulated BUR, modified bitumen, single-ply or liquid applied	90 psf
Overlayment	3/8"	Bonded over mechanically attached insulation	Applied in hot asphalt or insulation adhesive	-	BUR or torch-applied, asphalt-applied or self-adhering modified bitumen	120 psf
Overlayment	½"	Mechanically attached to steel or concrete deck	1.78 ft ² per fastener	18	BUR or torch-applied or asphalt-applied modified bitumen	150 psf
Overlayment	5/8"	Mechanically attached to steel or concrete deck	1.6 ft ² per fastener	20	Fully adhered single-ply membrane	165 psf
Overlayment	¼"	Mechanically attached to steel or concrete deck	1.33 ft ² per fastener	24	Fully adhered single-ply membrane	210 psf
Overlayment	¼"	Bonded over concrete deck	Applied in hot asphalt or insulation adhesive	-	Fully adhered single-ply membrane	1,020 psf

¹ Tests conducted by Exterior Research & Design, LLC., an independent, accredited testing agency.

² The systems examined meet the equivalent of an FM Class 1-XX rated system, where 'XX' is the passing pressure of the subject assembly.

³ Contact USG Corporation Technical Services for a list of specifics components used within the tested assemblies.