

SIKA CORPORATION • ROOFING

INSULATION & ROOF BOARD SELECTION GUIDE

Roof Boards	Facer	Makeup	Membranes								Adhesives					Available Sizes	Available Thicknesses	Typical Uses
			G410	G410 FB	G410 SA	S327	S327 FB	Sikaplan Adhered	Sikaplan Adhered FB	Sikaplan Fastened	Sikaplan Fastened FB	Water Based Membrane	Solvent Based Membrane	Urethane Based ¹ Membrane	Urethane Based Insulation			
DensDeck	Glass Mat	Gypsum				●	●			●	●		●		4' x 4' ; 4' x 8'	1/4" ; 1/2" ; 5/8"	Thermal barrier ³ over steel decks; Cover board for all roof systems; Solar ready approved; Hybrid system.	
DensDeck Prime	Primed Glass Mat	Gypsum	●	●	●	●	●	●	●	●	●	●	●		4' x 4' ; 4' x 8'	1/4" ; 1/2" ; 5/8"	Thermal barrier ³ over steel decks; Cover board for all roof systems; Solar ready approved; Hybrid system.	
Securock G-F	Gypsum	Gypsum		●			● ²		●		● ²	●	●		4' x 4' ; 4' x 8'	1/4" ; 1/2" ; 5/8"	Thermal barrier ³ over steel decks; Cover board for Adhered roof systems only	
Securock G-M	Glass Mat	Gypsum				●	●				●	●	●		4' x 8'	1/4" ; 1/2" ; 5/8"	Thermal barrier ³ over steel decks; Cover board for Mechanically Fastened roof systems only	
Securock Ultralight Glass-Mat	Glass Mat	Gypsum				●	●				●	●	●		4' x 8'	1/2" ; 5/8"	Cover board for Mechanically Fastened systems	
Securock Ultralight Coated Glass-Mat	Primed Glass Mat	Gypsum	●	●	●	●	●	●	●	●	●	●	●		4' x 4' ; 4' x 8'	1/4" ; 1/2" ; 5/8"	Cover board for all roof systems	
DEXCell Glass Mat	Glass Mat	Gypsum				●	●				●	●	●		4' x 4' ; 4' x 8'	1/4" ; 1/2" ; 5/8"	Cover board for all roof systems	
DEXCell FA Glass Mat	Primed Glass Mat	Gypsum	●	●	●	●	●	●	●	●	●	●	●		4' x 4' ; 4' x 8'	1/4" ; 1/2" ; 5/8"	Cover board for all roof systems	
DEXCell Cement Board	Cement	Cement		●		●	●		●	●	●	●	●		DEXCell Glass Mat	DEXCell Glass Mat	DEXCell Glass Mat	
Sarnatherm Roof Board A-III	Coated Glass	Polyisocyanurate	●	●	●	●	●	●	●	●	●	●	●		4' x 4' ; 4' x 8'	1/2"	Cover board for all roof systems	
Sarnatherm Roof Board H	Coated Glass	Polyisocyanurate	●	●	●	●	●	●	●	●	●	●	●		4' x 4' ; 4' x 8'	1/2"	Cover board for all roof systems	
Sarnatherm Roof Board R	Coated Glass	Polyisocyanurate	●	●	●	●	●	●	●	●	●	●	●		4' x 4' ; 4' x 8'	1/2"	Cover board for all roof systems	
Sarnatherm Roof Board M	Coated Glass	Polyisocyanurate	●	●	●	●	●	●	●	●	●	●	●		4' x 4' ; 4' x 8'	1/4"	Cover board for all roof systems	
Alleguard Fanfold FF 20	Laminate	Expanded Polystyrene				●	●				●	●			4' x 24' FF	1/2"	Recover board with Mechanically Fastened systems (RhinoBond approved when using RhinoBond PS Cardboard Disc).	
Insulfoam R-TECH	Laminate	Expanded Polystyrene				●	●				●	●			4' x 50' FF	1/2"	Recover board with Mechanically Fastened systems (RhinoBond approved when using RhinoBond PS Cardboard Disc).	
Thermal Star LRI	Laminate	Expanded Polystyrene				●	●				●	●			4' x 50' FF	1/2"	Recover board with Mechanically Fastened systems (RhinoBond approved when using RhinoBond PS Cardboard Disc).	
Insulations	Facer	Makeup	Membranes								Adhesives				Available Sizes	Available Thicknesses and Tapers	Typical Uses	
			G410	G410 FB	G410 SA	S327	S327 FB	Sikaplan Adhered	Sikaplan Adhered FB	Sikaplan Fastened	Sikaplan Fastened FB	Water Based Membrane	Solvent Based Membrane	Urethane Based Membrane				Urethane Based Insulation
Sarnatherm	Felt (Organic)	Polyisocyanurate	●	●	●	●	●	●	●	●	●	●	●		4' x 4' ; 4' x 8'	varies	Insulation for all convential / non-inverted roof systems.	
Sarnatherm CG	Coated Glass	Polyisocyanurate	●	●	●	●	●	●	●	●	●	●	●		4' x 4' ; 4' x 8'	varies	Insulation for all convential / non-inverted roof systems; enhanced performance for adhered applications.	
Sarnatherm EPS	none	Expanded Polystyrene	See Note ⁴									● ⁵		● ⁵	●	4' x 4' ; 4' x 8'	varies	Insulation for all convential / non-inverted roof systems (See Note ⁶).
Sarnatherm XPS	none	Extruded Polystyrene	See Note ⁴									● ⁵		● ⁵	●	2' x 8' ; 4' x 8'	varies	Insulation for all roof systems; exclusively used within waterproofing systems and Sika Ecosmart systems (See Note ⁶).

¹ Feltback Membranes only.

² Adhered Systems only.

³ Thermal barrier min 1/2" or 5/8" thickness.

⁴ Requires approved fire protection: an approved gypsum board for adhered membrane applications, an approved gypsum board or an approved fire retardant slip sheet for mechanically fastened membrane applications.

⁵ Approved for use when styrene is part of the system, an approved gypsum board required before adhering membrane.

⁶ Exceptions: direct membrane application; membrane adhered with solvent based adhesive; FM projects direct to steel decks requires thermal barrier