

SIKA CORPORATION • ROOFING

COVER BOARD & INSULATION SELECTION GUIDE

Cover Boards	Makeup	Facer	Membranes								Adhesives				Available Sizes	Available Thicknesses	Typical Uses	
			G410	G410 FB	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	Gypsum	Glass Mat	●	●	●	●	●	●	●	●	●	●	●	●	●	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.
DensDeck Prime	Gypsum	Glass Mat	●	●	●	●	●	●	●	●	●	●	●	●	●	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; exclusively used within the hybrid system.
Securock G-F	Gypsum	Gypsum		●		● 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; solar ready approved.	
Securock G-M	Gypsum	Glass Mat			●	●					●			●	4' x 4' ; 4' x 8'	1/4" ; 1/2" ; 5/8"	Thermal barrier ³ over steel decks; cover board for mechanically fastened roof systems only; solar ready approved.	
Sarnatherm Roof Board A-III	Polyisocyanurate	Coated Glass	●	●	●	●	●	●	●	●	●	●	●	●	4' x 4' ; 4' x 8'	1/2"	Cover board for all roof systems; solar ready approved.	
Sarnatherm Roof Board H	Polyisocyanurate	Coated Glass	●	●	●	●	●	●	●	●	●	●	●	●	4' x 8'	1/2"	Cover board for all roof systems; solar ready approved.	
Sarnatherm Roof Board M	Polyisocyanurate	Coated Glass	●	●	●	●	●	●	●	●	●	●	●	●	4' x 4' ; 4' x 8'	1/4"	Cover board for all roof systems; solar ready approved.	
Insulfoam R-TECH	Expanded Polystyrene	Laminate			●	●					●			●	4' x 50' FF	1/2"	Recover board with mechanically fastened systems (RhinoBond approved when using RhinoBond PS Cardboard Disc).	
Thermal Star LRI	Expanded Polystyrene	Laminate			●	●					●			●	4' x 50' FF	1/2"	Recover board with mechanically fastened systems (RhinoBond approved when using RhinoBond PS Cardboard Disc).	

Insulations	Makeup	Facer	Membranes								Adhesives				Available Sizes	Available Thicknesses and Tapers	Typical Uses	
			G410	G410 FB	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	Polyisocyanurate	Felt (Organic)	●	●	●	●	●	●	●	●	●	●	●	●	●	4' x 4' ; 4' x 8'	varies	Insulation for all convential / non-inverted roof systems.
Sarnatherm CG	Polyisocyanurate	Coated Glass	●	●	●	●	●	●	●	●	●	●	●	●	4' x 4' ; 4' x 8'	varies	Insulation for all convential / non-inverted roof systems; enhanced performance for adhered applications.	
Sarnatherm EPS	Expanded Polystyrene	none	See Note ⁴								● ⁵		● ⁵	●	4' x 4' ; 4' x 8'	varies	Insulation for all convential / non-inverted roof systems (See Note ⁵).	
Sarnatherm XPS	Extruded Polystyrene	none	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 ⁵).	

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

