

PVC DESIGN TABLE - RE-COVER - BALLASTED SYSTEMS

Existing Roofing System Type	Membrane Type		Insulation/Substrate							Insulation/Substrate Attachment
	Smooth	Fleece (FB)	ISO	Gypsum Board	Wood fiber/ Perlite ¹	EPS/XPS	3/6 oz Polymat	VersaShield Solo	None	Loose
Smooth BUR/MB	X		X	X	X	X ²	X	X		X
		X	X	X	X	X			X	X
Single Ply Membrane	X		X	X	X	X ²	X	X		X
		X	X	X	X	X			X	X
Granule Surfaced BUR/MB	X		X	X	X	X ²	X			X
		X	X	X	X	X			X	X
Gravel Surfaced BUR/MB ⁴	X		X	X	X	X ²	X ³			X
		X	X	X	X	X				X

1. Roof moisture scan required for use of perlite/wood fiber in re-cover roofing systems.
2. EPS/XPS in combination with a minimum 3 oz./sq. yd. (102 g/sq. m.) Polymat separator with smooth PVC membrane.
3. Must be used with EPS/XPS insulation.
4. Re-cover over coal tar pitch roofs is not allowed.