

TPO DESIGN TABLE - RE-COVER - MECHANICALLY ATTACHED

Existing Roofing System Type	Membrane Type		Insulation/Substrate								Insulation/Substrate Attachment	
	Smooth	Fleece (FB)	ISO	Gypsum Board	Wood fiber/ Perlite ¹	EPS/XPS	Fanfold ³	3/6 oz (85/170 gr) Polymat	VersaShield [®] Solo [™]	none	Mech. Attached	Adhesive ⁴
Smooth BUR/MB	X		X	X	X	X	X	X	X		X	X
		X	X	X	X	X	X			X	X	X
Single-Ply Membrane	X		X	X	X	X	X	X	X		X	
		X	X	X	X	X	X			X	X	
Granule-Surfaced BUR/MB	X		X	X	X	X	X	X			X	X
		X	X	X	X	X	X			X	X	X
Gravel-Surfaced BUR/MB ⁵	X		X	X	X	X	X				X	X
		X	X	X	X	X	X				X	X
Standing Seam Metal ²	X		X	X	X	X					X	
		X	X	X	X	X					X	

1. Roof moisture scan required for use of perlite/wood fiber in re-cover roofing systems.

2. XPS is the only material allowed as flute fill with overlay board required.

3. Fanfold to be used as an overlay board only.

4. Low rise foam or hot asphalt for cricket and saddle attachment. If specification requires insulation to be adhered in a mechanically attached system, use foam adhesive designed for insulation attachment, or hot asphalt.

5. All loose gravel must be removed.