

TPO DESIGN TABLE - RE-COVER - ADHERED SYSTEMS

Exiting Roofing System Type	Membrane Attachment		Membrane Type		Insulation/Substrate					Insulation/Substrate Attachment		
	Adhered		Smooth	Fleece	ISO	Gypsum Board ⁷	Wood fiber ³ / Perlite ³	EPS ² /XPS ²	None	Mech Fast.	Adhesive ⁹	Hot ¹
Smooth BUR/MB	Adhesive ⁸	Hot										
	Smooth BUR/MB	X		X		X	X	X ⁵	X		X	X
					X ⁸	X	X	X ⁵	X		X	X
		X		X	X	X	X	X	X	X	X	X
Single Ply Membrane	X		X		X	X	X ⁵	X		X		
					X ⁸	X	X	X ⁵	X		X	
		X		X	X	X	X	X		X		
Granule Surfaced BUR/MB	X		X		X	X	X ⁵	X		X	X	X
					X ⁸	X	X	X ⁵	X		X	X
		X		X	X	X	X	X	X	X	X	X
Gravel Surfaced BUR/MB	X		X		X	X	X ⁵	X		X	X	X
					X ⁸	X	X	X ⁵	X		X	X
		X		X	X	X	X	X		X	X	X
Standing Seam Metal ⁴	X		X		X	X	X ⁵	X		X		
					X ⁸	X	X	X ⁵	X		X	
		X		X	X	X	X	X		X		

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1. No hot attachment of XPS or EPS.
2. Cover board required.
3. Roof moisture scan required for use of perlite/wood fiber in re-cover roof systems.
4. XPS is the only material allowed as flute fill with cover board required.
5. Wood fiber only with bonding adhesives.

6. Glass mat facer required for adhered membranes.
7. Attachment of membrane must be with water-based adhesive.
8. Includes LRF-O, LRF-M, and GAF 2-Part Roofing Adhesive.
9. Includes Olybond®, LRF-M, and GAF 2-Part Roofing Adhesive.