

PVC DESIGN TABLE - NEW CONSTRUCTION - FULLY ADHERED

Deck	Membrane Attachment		Membrane Type		Insulation/Substrate					Insulation/Substrate Attachment		
	Fully Adhered		Smooth	Fleece	ISO	Gypsum Board ⁴	Wood fiber/ Perlite	EPS/ XEPS ²	None	Mech. Attached	Adhesive	Hot ¹
	Adhesive	Hot										
Steel	x		x		x	x	x			x	x	
				x	x	x	x	x		x	x	
		x		x	x	x	x	x ⁶		x	x	
Wood	x		x		x	x	x		x	x	x	x ³
				x	x	x	x	x	x	x	x	x ³
		x		x	x	x	x		x ³	x	x	x ³
Structural Concrete & Gypsum	x		x		x	x	x			x	x	x
				x	x	x	x	x	x	x	x	x
		x		x	x	x	x		x	x	x	x
Lightweight Insulating Concrete	x		x		x	x	x			x	x	x ³
				x	x	x	x	x	x ⁵	x	x	x ³
		x		x	x	x	x	x ⁶	x ³	x	x	x ³
Cementitious Wood Fiber	x		x		x	x	x			x	x	x ³
				x	x	x	x	x	x	x	x	x ³
		x		x	x	x	x	x ⁶	x ³	x	x	x ³

1. No hot attachment of XEPS or EPS.

2. Attachment of membrane to XEPS or EPS must be with water based adhesive.

3. Insulation/membrane can be installed in hot asphalt only when mopping to mechanically attached base sheet.

4. Glass mat facer required for fully adhered membrane attachment.

5. Membrane attachment must be with water based adhesive.

6. Overlay board required.

PVC DESIGN TABLE - RECOVER - FULLY ADHERED

Deck Type	Membrane Attachment		Membrane Type		Insulation/Substrate					Insulation/Substrate Attachment		
	Fully Adhered		Smooth	Fleece (FB)	ISO	Gypsum Board ⁴	Wood fiber/ Perlite ⁵	EPS/ XEPS ²	None	Mech Fast.	Adhesive	Hot ¹
Adhesive	Hot											
Smooth BUR/MB	X		X		X	X	X			X	X	X
				X	X	X	X	X	X	X	X	X
		X		X	X	X	X	X ⁶	X	X	X	X
Single Ply Membrane	X		X		X	X	X			X		
				X	X	X	X	X		X		
		X		X	X	X	X	X ⁶		X		
Granule Surfaced BUR/MB	X		X		X	X	X			X	X	X
				X	X	X	X	X	X	X	X	X
		X		X	X	X	X	X ⁶	X	X	X	X
Gravel Surfaced BUR/MB	X		X		X	X	X			X	X	X
				X	X	X	X	X		X	X	X
		X		X	X	X	X	X ⁶		X	X	X
Standing Seam Metal ³	X		X		X	X	X			X		
				X	X	X	X	X		X		
		X		X	X	X	X	X ⁶		X		

1. No hot attachment of XEPS or EPS.
 2. Attachment of membrane to XEPS or EPS must be with water based adhesive.

3. XEPS only as flute fill material with overlay board.
 4. Glass mat facer required for fully adhered membrane attachment.
 5. Roof moisture scan required for use of perlite/wood fiber in recover roofing systems.
 6. Overlay board required.