

## PVC DESIGN TABLE - NEW CONSTRUCTION OR TEAR OFF - MECHANICALLY ATTACHED

Deck	Membrane Type		Insulation/Substrate								Insulation/Substrate Attachment		
	Smooth	Fleece	ISO	Gypsum Board	Wood fiber/Perlit	EPS/XEPS	Fanfold	3/6 oz. Polymat	FR 50/10	None	Mech Fast.	Adhesive	Hot <sup>1</sup>
Steel	X		X	X	X	X <sup>3</sup>		X <sup>3</sup>			X	X	
		X	X	X	X	X					X	X	
Wood	X		X	X	X	X <sup>3</sup>	X <sup>3</sup>	X	X		X	X	X <sup>2</sup>
		X	X	X	X	X	X		X	X	X	X	X <sup>2</sup>
Structural Concrete & Gypsum	X		X	X	X	X <sup>3</sup>	X <sup>3</sup>	X			X	X	X
		X	X	X	X	X	X			X	X	X	X
Lightweight Insulating Concrete	X		X	X	X	X <sup>3</sup>	X <sup>3</sup>	X			X	X	X <sup>2</sup>
		X	X	X	X	X	X			X	X	X	X <sup>2</sup>
Cementitious Wood Fiber	X		X	X	X	X <sup>3</sup>	X <sup>3</sup>	X			X	X	X <sup>2</sup>
		X	X	X	X	X	X			X	X	X	X <sup>2</sup>

1. No hot attachment of polymat, XEPS, EPS, or Fanfold
2. Insulation/membrane can be installed in hot asphalt only when mopping to mechanically attached base sheet
3. XEPS/Fanfold in combination with a 3 oz. polymat separator

## PVC DESIGN TABLE - RECOVER - MECHANICALLY ATTACHED

Exiting Roofing System Type	Membrane Type		Insulation/Substrate								Insulation/Substrate Attachment		
	Smooth	Fleece	ISO	Gypsum Board	Wood fiber/Perlit	EPS/XEPS	Fanfold	3/6 oz. Polymat	FR 50/10	None	Mech Fast.	Adhesive	Hot <sup>1</sup>
Smooth BUR/MB	X		X	X	X	X <sup>4</sup>	X <sup>4</sup>	X	X		X	X	X
		X	X	X	X	X	X			X	X	X	X
Single Ply Membrane	X		X	X	X	X <sup>4</sup>	X <sup>4</sup>	X	X		X		
		X	X	X	X	X	X			X	X		
Granule Surfaced BUR/MB	X		X	X	X	X <sup>4</sup>	X <sup>4</sup>	X			X	X	X
		X	X	X	X	X	X			X	X	X	X
Gravel Surfaced BUR/MB	X		X	X	X	X <sup>4</sup>	X <sup>4</sup>	X <sup>4</sup>			X	X	X
		X	X	X	X	X	X				X	X	X
Standing Seam Metal <sup>3</sup>	X		X	X	X	X <sup>4</sup>		X <sup>4</sup>			X		
		X	X	X	X	X					X		

1. No hot attachment of polymat, XEPS, EPS, or Fanfold

2. Roof moisture scan required for use of perlite/wood fiber in recover roofing systems

3. XEPS only as flute material with overlay board

4. XEPS/Fanfold in combination with a 3 oz. polymat separator