

**PVC DESIGN TABLE - NEW CONSTRUCTION ON TEAR-OFF - ADHERED SYSTEMS**

Deck	Membrane Attachment		Membrane Type		Insulation/Substrate					Insulation/Substrate Attachment		
	Adhered		Smooth	Fleece	ISO	Gypsum Board <sup>4</sup>	Wood fiber/ Perlite	EPS <sup>2</sup> / XPS <sup>2</sup>	None	Mech. Attached	Adhesive <sup>8</sup>	Hot <sup>1</sup>
	Adhesive <sup>7</sup>	Hot										
Steel	X		X		X	X	X <sup>6</sup>			X	X	
				X <sup>5</sup>	X	X	X <sup>6</sup>	X		X	X	
		X		X	X	X	X	X		X	X	
Wood	X		X		X	X	X <sup>6</sup>		X	X	X	X <sup>3</sup>
				X <sup>5</sup>	X	X	X <sup>6</sup>	X	X	X	X	X <sup>3</sup>
		X		X	X	X	X		X <sup>3</sup>	X	X	X <sup>3</sup>
Structural Concrete & Gypsum	X		X		X	X	X <sup>6</sup>			X	X	X
				X <sup>5</sup>	X	X	X <sup>6</sup>	X	X	X	X	X
		X		X	X	X	X		X	X	X	X
Lightweight Insulating Concrete	X		X		X	X	X <sup>6</sup>			X	X	X <sup>3</sup>
				X <sup>5</sup>	X	X	X <sup>6</sup>	X	X <sup>5</sup>	X	X	X <sup>3</sup>
		X		X	X	X	X	X	X <sup>3</sup>	X	X	X <sup>3</sup>
Cementitious Wood Fiber	X		X		X	X	X <sup>6</sup>			X	X	X <sup>3</sup>
				X <sup>5</sup>	X	X	X <sup>6</sup>	X	X	X	X	X <sup>3</sup>
		X		X	X	X	X	X	X <sup>3</sup>	X	X	X <sup>3</sup>

1. No hot attachment of XPS or EPS.  
 2. Cover board required.  
 3. Insulation/membrane can be installed in hot asphalt only when mopping to mechanically attached base sheet.  
 4. Glass mat facer required for adhered membrane attachment.

5. Membrane attachment must be with water-based adhesive.  
 6. Wood fiber insulation only.  
 7. Includes LRF-O, LRF-M, and GAF 2-Part Roofing Adhesive.  
 8. Includes Olybond®, LRF-M, and GAF 2-Part Roofing Adhesive.