

**TPO OR PVC DESIGN TABLE - NEW CONSTRUCTION OR TEAR-OFF - RHINOBOND®**

Deck	Membrane Type	Insulation/Substrate						Insulation/ Substrate Attachment
	Smooth	ISO	Gypsum Board	Wood Fiber/ Perlite	EPS/ XPS <sup>4</sup>	VersaShield® Solo™	None	Mechanically <sup>5</sup>
Steel <sup>1</sup>	X	X	X	X	X			X
Wood <sup>2</sup>	X	X	X	X	X	X	X	X
Structural Concrete <sup>3</sup>	X	X	X	X	X		X	X
Insulating Concrete <sup>6</sup>	X	X	X	X	X		X	X

1. Minimum 22-gauge steel deck required.

2. Minimum 3/4" (19 mm) plywood or 2" (51 mm) wood plank required.

3. Extreme care must be taken to remove all concrete debris and dust prior to roof system installation.

4. Cover board required for EPS/XPS. The use of this board in the assembly is acceptable, but not as the top layer.

5. Insulation is mechanically attached using the Drill-Tec™ RhinoBond® Attachment System.

6. Fastener must penetrate through metal pan or into structural concrete. Refer to Drill-Tec™ RhinoBond® Attachment System Attachment Table for specific requirements.