

TPO DESIGN TABLE - NEW CONSTRUCTION OR TEAR-OFF - BALLAST APPLIED

Deck	Membrane Type		Insulation/Substrate							Insulation/ Substrate Attachment
	Smooth	Fleece (FB)	ISO	Gypsum Board	Wood fiber/ Perlite	EPS/ XEPS	3/6 oz Polymat	FR 50/10	None	Loose
Steel	x		x	x	x	x				x
		x	x	x	x	x				x
Wood	x		x	x	x	x	x	x		x
		x	x	x	x	x			x	x
Structural Concrete & Gypsum	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	x	x	x	x			x	x
Cementitious Wood Fiber	x		x	x	x	x	x			x
		x	x	x	x	x			x	x

TPO DESIGN TABLE - RECOVER - BALLAST APPLIED

Existing Roofing System Type	Membrane Type		Insulation/Substrate							Insulation/Substrate Attachment
	Smooth	Fleece (FB)	ISO	Gypsum Board	Wood fiber/ Perlite ¹	EPS/ XEPS	3/6 oz Polymat	FR 50/10	None	Loose
Smooth BUR/MB	x		x	x	x	x	x	x		x
		x	x	x	x	x			x	x
Single Ply Membrane	x		x	x	x	x	x	x		x
		x	x	x	x	x			x	x
Granule Surfaced BUR/MB	x		x	x	x	x	x			x
		x	x	x	x	x			x	x
Gravel Surfaced BUR/MB	x		x	x	x	x				x
		x	x	x	x	x				x

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