

FLEX THERMOPLASTIC ROOF MEMBRANES MECHANICALLY ATTACHED SYSTEMS

GUIDE TO FASTENER AND PLATE PLACEMENTS

This guide is based on current FM Approvals for the field sheet securement criteria. The perimeter and corner enhanced securement must be calculated based on FM Loss Prevention Data Sheets 1-28 and 1-29.

Steel Deck or Structural Concrete

Membrane Type	Row spacing	Fastener Type	Fastener Spacing	Uplift Rating
MF/R Plus Elvaloy	72ö	Standard	12ö	60
MF/R Plus Elvaloy	72ö	Standard	6ö	90
MF/R Plus Elvaloy	73ö	XHD	6ö	120
MF/R Plus Elvaloy	73ö	XHD	12ö	90
MF/R Plus Elvaloy	73ö	XHD	18ö	60
MF/R Plus Elvaloy	114ö	SXHD	12ö	90
MF/R Plus Elvaloy	114ö	XHD	6ö	120
MF/R Plus 60 Elvaloy	72ö	SXHD	18ö	90
MF/R Plus 60 Elvaloy	73ö	XHD	12ö	105
MF/R Plus 60 Elvaloy	72ö	XHD	6ö	150
FB Plus Elvaloy	69ö	XHD	12ö	105
TPO Plus	42.5ö	XHD	12ö	105
TPO Plus	42.5ö	XHD	6ö	165
TPO Plus	91ö	XHD	12ö	60
TPO Plus	91ö	SXHD	12ö	90
TPO Plus	91ö	XHD	6ö	105
TPO Plus	115ö	XHD	12ö	60
TPO Plus	115ö	XHD	12ö	75
TPO Plus	115ö	SXHD	12ö	90
TPO Plus	115ö	XHD	6ö	105
TPO Plus	115ö	XHD	6ö	120
TPO Plus	138.5ö	XHD	12ö	60
TPO Plus	138.5ö	SXHD	6ö	120

Acceptable steel decks must meet the following minimum requirements: 18, 20 or 22 gauge thickness, 1.5ö deep meeting ASTM A1008/A1008M-01a or A653/653M-01a SS Grade 80.

Deck installation is to be in accordance with FM requirements. Structural Concrete decks require the use Flex CD-10 or Flex HD 10-14 fasteners with the appropriate Flex seam plate.