

WIND UPLIFT PRESSURE RESISTANCE FACTORY MUTUAL APPROVALS

The following chart is a guide of the wind uplift pressure resistant range that applies to various Flex Roof System products and components tested and approved by Factory Mutual Assembly Global.

<u>Flex Product</u>			<u>Deck</u>	<u>Type</u>		
	Structural Concrete	Lightweight Concrete	Steel	Gypsum	Cementitious Wood Fiber	Wood
Flex FB Elvaloy/PVC Membrane Adhered	1-60 to 1-735	1-60 to 1-270	1-60 to 1-105	1-60 to 1-90	1-60 to 1-90	1-60 to 1-90
Flex FB Elvaloy/PVC Membrane Mechanical Attached	1-60 to 1-105	NA	1-60 to 1-105	NA	NA	1-60 to 1-90
Flex MF/R Elvaloy/PVC Membrane Adhered	1-60 to 1-90	1-60 to 1-90	1-60 to 1-90	1-60 to 1-90	1-60 to 1-90	1-60 to 1-90
Flex MF/R Elvaloy/PVC Membrane Mechanical Attached	1-60 to 1-120	NA	1-60 to 1-150	NA	NA	1-60 to 1-90
Flex TPO Membrane Adhered	1-60 to 1-375	1-60 to 1-270	1-60 to 1-105	1-60 to 1-90	1-60 to 1-90	1-60 to 1-90
Flex TPO Membrane Mechanical Attached	1-60 to 1- 225	NA	1-60 to 1-225	NA	1-60 to 1-90	1-60 to 1-90
Flex CTR 150 Black Multi Ply Adhered	1-60 to 1-90	NA	1-60 to 1-90	NA	NA	NA
Flex SBS145 Cap Modified Adhered Multi Ply	1-60 to 1-90	NA	1-60 to 1-90	NA	NA	NA
Flex SBS160, SBS250 Cap Modified Adhered Multi Ply	1-60 to 1-225	NA	1-60 to 1-90	NA	NA	NA
Flex SBS160, SBS250 Cap Modified Torch Multi Ply	1-60 to 1-120	NA	1-60 to 1-90	NA	NA	NQ

The guide is meant to be used as an aide in determining the type of system that would best be applied based on deck configuration and geographical location. Please confirm the projects location and jurisdictional requirements when calculating the wind uplift pressure requirements. Contact Flex Technical Services for matching assemblies and components to meet the physical specifications.