

Roof Enhancements

Factory Mutual

In 2020, Factory Mutual adopted the ASCE 7-16 definitions for roof zones. This includes the addition of a fourth roof area found on some configurations. Not all buildings will contain all four roof zones, in fact, some may only contain two roof zones. FM no longer accepts the old roof zone definitions.

Roof Heights Where $h \leq 60$ ft.	Roof Heights Where $h > 60$ ft.
<p>Roof Zone Layout Example for Building Height $\leq 60'$ (Roof Slope $\leq 1.5'' (7^\circ)$) h = Roof Height</p>	<p>Roof Zone Layout Example for Building Heights $> 60'$ (Roof Slope $\leq 1.5'' (7^\circ)$) a = 10% of least horizontal dimension, but not less than 3 ft (0.9 m).</p>
<p>Example: Building Height = 30 ft .6h = 18 ft .2h = 6 ft Zone 3: 18' x 18' x 6'; Zone 2: 18'; Zone 1: 18'; Zone 1': Remainder</p>	<p>Example: Building Dimensions: 80' x 200' Least Horizontal Dimension: 80' a = 8' 2a = 16' Zone 3: 16' x 16' x 8'; Zone 2: 8'; Zone 1: Remainder</p>

Contact MWA for more information or refer to the current Firestone Attachment Guide.