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Technical Bulletin

Safing Clips support of Safing Insulation Where Safe-off Area is Greater Than 8”

The standard safe-off area width Thermafiber® has evaluated through fire tests with standard 3” long impaling safing clips is 8”. For greater gap widths, up to 12”, we recommend the following procedure:

1. The Thermafiber® Safing Insulation must be cut to a width 1 in. greater than the width of the area to be protected to increase the friction fitting of the insulation into the gap.
2. Additional support must be provided to the Thermafiber Safing Insulation. The additional support can be provided by using any one of the following methods:
 - By the use of non-standard clips, whereby the length of the impaling clip is at least 2/3 the width of the gap. The gauge of the clips shall be a minimum of 20 gauge. When these modified clips are used, the clips shall be spaced a maximum of 12” OC (minimum of 4 clips per 4 ft. batt length).
 - A second option would be to use the information from the attached USG/Thermafiber tested curtain wall system where the safe-off area was 24” wide. Please see the attached section on Safing Insulation support system from the USG Test Report Number 31757, dated