

## AC27 – Chemical Compatibility – Sealants



### AC27 - Chemical Compatibility with Sealants

BlazeFrame steel/intumescent composite joint framing/protection profiles are produced using a cured intumescent acting as the "fill, void, cavity" materials with a polyester outer coating. The intumescent portion of the composite profile is chemically compatible with "non-solvent" based materials (i.e. caulks, mud, paints, fire proofing, etc..) and as such will be unaffected and not degrade where contact may occur.

Current sealant manufacturer's products verified as non-solvent and compatible with BlazeFrame profiles are:

Rectorseal:

Metacaulk - 1000, 350i, MC 150+, 950, 1100, 1200, 1500

Biostop - 500+, 350i, BF 150+, 700, 750, 800

Flamesafe - FS1900, FS 900+, FS3000

United States Gypsum (USG):

Type AS

Other brand names may be acceptable based on individual manufacturer of specific brand providing verification of materials being "non-solvent" and will allow/warranty use of them in applicable conditions.

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**RECTORSEAL**

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17 October 2011

To Whom It May Concern:

In re: Rectorseal Brands of Firestop Sealants Compatibility with Rectorseal  
BlazeSeal Intumescence Strip.

Metacaulk, Bio Fireshield and FlameSafe are trade names for various Firestop Sealants manufactured by the Rectorseal Corporation. All of these Firestopping Sealants are chemically compatible with and may be used for direct contact with Rectorseal's BlazeSeal Intumescent Strip material without affecting performance.

Respectfully,



Randy G. Clark  
Mgr. Firestop Technologies, International Division  
Rectorseal Corporation  
Houston, Texas

SUBSCRIBED AND SWORN TO  
BEFORE ME THIS 25th DAY OF  
OCTOBER 2011



Lora L. Kruse  
Notary in and for the State of Texas  
County of Harris

