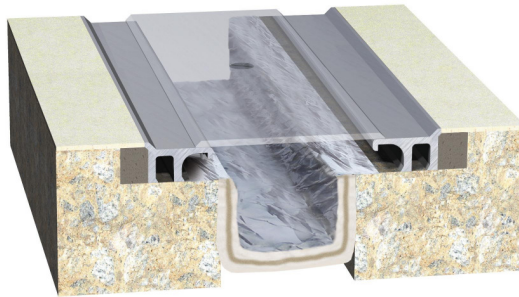




TECHNICAL BULLETIN 112

Subject: Fire Barrier Damaged by Moisture



Pyro-Flex Fire Barrier Systems

Fire barriers are an important Life-Safety item. They serve as a key component of a structure's defense system against flame-spread and heat transfer as well as migration of toxic fumes and gases. Fire barriers are intolerant of any exposure to moisture and must be kept completely dry before, during and after installation.

MM's packaging contains prominent labels stating that fire barriers must be kept dry before installation. The installation guides stress that fire barriers must remain dry after installation.

**store in
a cool
dry place**

PF-2018F-SC SERIES <small>(FORMERLY PF-2018F SERIES)</small>	
FLOOR FIRE BARRIER INSTALLATION	
IMPORTANT!	LIFE-SAFETY PRODUCT INFORMATION
<ul style="list-style-type: none"> • Fire Barriers must be installed in strict accordance with these instructions. Any deviation may result in loss of rating and fire-resistive characteristics. • <u>Fire barriers must be kept free of exposure to moisture before, during and after construction. Any that have been exposed to moisture should be removed, destroyed and replaced.</u> • Fire barriers must be installed in rated construction with minimum slab joint face of 4-1/2". • Note that a cover is required (metal or elastomeric). • For any conditions not covered by these installation instructions, do not install before contacting MM Systems Corporation: 	
<p>(P) 800.241.3460 (F) 706.824.7501 techservices@mmsystemscorp.com</p>	

Fire barriers must be kept free of exposure to moisture before, during and after construction. Any fire barriers that have been exposed to moisture should be removed, destroyed and replaced.

The purpose of the FAQ format below is to answer basic questions and concerns about fire barriers that are wet or have been exposed to moisture.

- **My fire barriers are wet. Are they usable?**

No. Fire barriers that are wet have had their physical characteristics altered and must not be installed. If already installed, they must be removed and replaced.

- **My fire barriers were wet at one time but appear dry now. Are they usable?**

No. Again, the physical and performance characteristics have been altered. They must be replaced.

- **Only the very end of the barrier appears to be or have been wet. Can I cut the end off and use the rest?**

No. Insulation wicks moisture. There is not a non-destructive means of testing how far the moisture migrated. The entire barrier must be replaced.

- **Is there any test procedure to determine if previously wet barriers would perform as originally tested?**

No. Even if a small sample of wet or previously wet barrier could be tested, there is not a non-destructive means of verifying the moisture content or degree of exposure on the entire section of barrier.

- **Are there additional concerns concerning moisture and barriers?**

Yes. Any product where moisture may be retained is a potential incubator for mold.

- **Due to life-safety concerns, we need to replace our wet or previously wet barriers. What's the next step?**

Contact your local MM representative (find them at www.mmsystemscorp.com) or contact MM directly at:

MM Systems Corporation

(v) 800.241.3460

(f) 706.824.7500

info@mmsystemscorp.com