

**IMPORTANT LIFE SAFETY NOTE**  
 4-1/2" MINIMUM FACE OF SLAB (AS SHOWN) REQUIRED FOR OPTIONAL FIRE RATING TO BE AVAILABLE.  
 ARCHITECT / CONTRACTOR MUST VERIFY PRIOR TO FABRICATION.

**IMPORTANT LIFE SAFETY PRODUCT NOTE**  
 PF-2018F-SC-1-1 (OPTIONAL) TO ACHIEVE RATING, 2-HOUR FIRE BARRIER MUST BE INSTALLED IN 2-HOUR RATED SLAB, MINIMUM 4-1/2" JT. FACE. BARRIERS MUST BE INSTALLED IN STRICT ACCORDANCE WITH TYPICAL FLOOR FIRE BARRIER INSTALLATION INSTRUCTIONS PROVIDED IN THIS SUBMITTAL.

\* CONTACT FACTORY FOR OTHER STYLES OF FIRE BARRIER

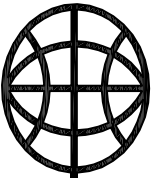
| Model                       | Nominal "JT" | Joint Opening "JT" |              | Total Movement | Mat. Code |              |
|-----------------------------|--------------|--------------------|--------------|----------------|-----------|--------------|
|                             |              | Seismic Min.       | Thermal Min. |                |           | Thermal Max. |
| HFXR-1-1                    | 1"           | 0                  | 0.75"        | 1.25"          | 2.0"      | CC1601       |
| HFXR-1-1 w/ PF-2018F-SC-1-1 | 1"           | 0.875"             | 0.875"       | 1.25"          | 2.0"      | CC1601       |

**ARCHITECT/CONTRACTOR NOTE:**  
 ALL SUBASSEMBLY COMPONENTS TO BE PROVIDED IN 10'-0" OR 20'-0" STOCK LENGTHS UNLESS OTHERWISE NOTED. THE SPECIFIC SYSTEMS DICTATE THE LENGTHS PROVIDED.

Representative: \_\_\_\_\_ Customer: \_\_\_\_\_ Project: \_\_\_\_\_ Location: \_\_\_\_\_ Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

**RIGHTS OF DESIGN**

All rights of design, detail, engineering and/or invention contained herein are the property of MM Systems Corporation and hereby reserved and are not to be reproduced or provided to any other party. MM Systems Corporation reserves the right to amend or withdraw any information contained herein without notice and will not be liable for any inaccuracy or ambiguity of said information.



**MM**

MM SYSTEMS

50 MM WAY  
 PENDERGRASS, GA. 30567  
 PHONE: 706-824-7500  
 800-241-3460  
 FAX: 706-824-7501

www.mmssystemscorp.com

For Spec-Data, Installation Guides, or movement requirements, contact MM/SC

**HFXR-1-1**

Drawing Number:  
**CC1601**

Model: \_\_\_\_\_  
 Drawn by: MLS  
 SHT. OF .

Scale: NTS  
 Issue Date: 12-02-09

Project Number: \_\_\_\_\_