High-Performance Family of FIRE BARRIERS for Large Expansion Joints

- Simplified installation, intuitive splicing
- Movement up to 72” max open
- Tested and listed in accordance with UL 2079 and ASTM E 1966
Introducing the industry's highest-performing fire barriers for large expansion joints. This new and improved family of products significantly simplify the installation process, cutting installation time in half. With quality features and unique additions, these are ideal products for fire-rated seismic joints, surpassing fire resistance and movement testing requirements of test standards UL 2079 and ASTM E 1966.

- **Bold single package** with rigid side flanges serving to hold the fire barrier rigidly in place for a convenient drop-in installation; Inside Mount variation available for applications requiring no surface contact.
- **Sides are lined with Metacaulk®'s BlazeSeal™ intumescent strips**, entirely eliminating the need for laborious caulking of firestop sealant along the sides of the joint.
- **Comes standard with male/female ends for easy and intuitive lap splicing**
- **Available up to 36” max open**

*36” max open does not apply to 3-hour MetaFlex Pro (MPF3H).

- **Same great features and performance of the MetaFlex Pro with the addition of a mechanized flange along one side allowing for up to ±100-percent horizontal shear movement; designed for applications requiring lateral shear. MetaFlex Pro Shear Max extends the MetaFlex Pro Shear design to 72” max open with ±100-percent multi-directional movement; ideal for locations of high seismic activity.**

- **Similar features and performance of the MetaFlex Pro, yet mounted beneath the floor slab rather than from above, ideal for conditions with existing expansion joint covers, in-joint obstructions or chase walls preventing access from above; ideal for retrofit applications.**
**APPLICATION**
- Fire-resistant barrier for horizontal expansion joints (up to 36” max open)*

**FEATURES**
- Easy “drop-in” installation; no firestop sealant required
- Simple lap splicing
- Ships in 10' (3m) lengths
- Doubles as smoke barrier
- Can be integrated with Balco Expansion Joint Systems
- Inside Mount variation (installed within joint without surface contact) available

**PERFORMANCE**
- Fire resistance rating of 2 hours and 3 hours tested in accordance with ASTM E1966 and UL 2079
- BlazeSeal™ aging and environmental exposure tested in accordance with UL 1479
- Seismic, Thermal and Wind movement tested per standard ASTM E 1399
- Contributes to LEED® credits

**JOINT SIZES** (nominal)
6-24" (150-450mm)

**MOVEMENT**
±50% to ±100% Expansion/Contr.

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*36” max open does not apply to 3-hour MetaFlex Pro (MPF3H).

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*See MetaFlex Pro Shear Max for larger sizes.*
FIRE BARRIERS — FLOOR SYSTEMS

APPLICATION
- Fire-resistant barrier for horizontal expansion joints (up to 72” max open)

FEATURES
- Convenient two-package installation
- Simple lap splicing
- Slide mechanism permits horizontal shearing
- Ships in 4’ (1.2m) lengths
- Doubles as smoke barrier
- Can be integrated with Balco Expansion Joint Systems

PERFORMANCE
- Fire resistance rating of 2 hours and 3 hours tested in accordance with ASTM E1966 and UL 2079
- Air leakage rating of 3.88 (ambient) & 4.16 (heated)
- BlazeSeal™ aging and environmental exposure tested in accordance with UL 1479
- Seismic, Thermal and Wind movement tested per standard ASTM E 1399
- Contributes to LEED® credits

JOINT SIZES (nominal)
- 26-36” (650-900mm)

MOVEMENT
- ±50% to ±100% Expansion/Constr.
- ±100% Lateral Shear
- ±100% Vertical Shear

*See MetaFlex Pro Shear for smaller sizes.
**MetaBlock**
- Available in 2Hr to 4Hr fire rating
- Unique, simple design
- No fasteners; No caulking
- Tongue and groove lengths for easy splicing and transitioning
- Proprietary intumescent
- Ideal for use with elastomeric seals

**MetaMat**
- Available in 2Hr fire rating
- Installs easily in narrow joints
- No caulking required
- Thin materials allow for closer movement than traditional barriers
- Long, splice-reducing stock lengths
- Lightweight and flexible
- Cost effective

**Single-sided Fire-rated Pre-compressed Foam**
- Available in 2Hr to 3Hr fire rating
- No fasteners
- UV stable
- Chemically resistant
- Watertight
- Mildew resistant
- Dust-proof
- Airtight and insulated
- Sound resistant

*Double-sided still available.*
MetaFlex® Pro - 2Hr
MetaFlex® Pro - 3Hr
MetaFlex® Pro Shear - 2Hr
MetaFlex® Pro Shear Max - 2Hr
MetaFlex® Pro Shear Max - 3Hr
MetaFlex® Pro Undermount - 2Hr