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 E1966
Introducing the industry’s highest-performing fire barriers for large expansion joints. This new and improved family of products simplify the installation process, significantly reducing the installation time. 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 E1966.

- 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 at ±100-percent movement*

*36” max open does not apply to 3-hour MetaFlex Pro (MPF3H).
**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 E1399
- Contributes to LEED® credits

**JOINT SIZES** (nominal)
6-24” (150-600mm)*

**MOVEMENT**
±50% to ±100% Expansion/Contr.
Vertical Shear Varies

*M36” max open does not apply to 3-hour MetaFlex Pro (MPF3H).
FIRE BARRIERS — FLOOR SYSTEMS

**APPLICATION**
- Fire-resistant barrier for horizontal expansion joints (up to 72" max open)
- Mounts to underside of floor slabs when access from above is limited

**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 (L Rating) of 3.88 ambient & 4.16 heated per UL 2079; meets IBC 715.6 requirements for smoke barriers
- BlazeSeal™ aging and environmental exposure tested in accordance with UL 1479
- Seismic, Thermal and Wind movement tested per standard ASTM E1399
- Contributes to LEED® credits

**JOIN SIZES (nominal)**
- 25-48" (635-1200mm)

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

*See MetaFlex Pro Shear for smaller sizes.*
**APPLICATION**
- Fire-resistant barrier for vertical expansion joints

**FEATURES**
- Convenient two-package installation
- Fire protected from both directions
- 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 tested in accordance with ASTM E1966 and UL 2079
- Air leakage (L Rating) of 3.88 ambient & 4.16 heated per UL 2079; meets IBC 715.6 requirements for smoke barriers
- BlazeSeal™ aging and environmental exposure tested in accordance with UL 1479
- Seismic, Thermal and Wind movement tested per standard ASTM E1399
- Contributes to LEED® credits

**JOINT SIZES** (nominal)

**MOVEMENT**
- ±50% to ±100% Expansion/Contraction
- ±100% Lateral Shear
- Vertical Shear Varies
MetaFlex® Pro - 2Hr
MetaFlex® Pro - 3Hr

MetaFlex® Pro Shear - 2Hr
MetaFlex® Pro Shear MAX - Floor - 2Hr
MetaFlex® Pro Shear MAX - Floor - 3Hr
MetaFlex® Pro Shear MAX - Wall - 2Hr

MetaFlex® Pro Undermount - 2Hr

Other Fire Barriers:
MetaBlock® | MetaMat™ | MetaFlex® 2000
Precompressed Foam (BCS)