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CORPORATE HEADQUARTERS
114 Lincoln Ave.
Cobleskill, NY 12043
888-680-7974
www.firetesting.com

PRODUCT LISTING

Reference No. Inpro-A-787-F520Horizontal

Status: WITHDRAWN - Effective 11/12/19

Manufacturer:
Inpro
S80 W18766 Apollo Drive
Muskego, WI 53150

Website: inprocorp.com
Email: jhaasser@inrpocorp.com

Product(s):

F520 Series Fire Blanket Expansion Joint Systems 2"-32" Horizontal:
Top Mount/Inside Mount/Bottom Mount 1-3 Hour

Report:

Fireline 520™, an Inpro® Company is a manufacturer of "F520 SERIES" Seismic Expansion Control Joint Systems which are rated 1 hour through 3 hours as Fire Barrier Assemblies for joint widths from 2"-32" at horizontal conditions and 2"-26" at vertical conditions. Below is an example of F520 SERIES product numbering system:

- F520 =Fireline 520 series
- 2 =2 hour rating (1-3 hour available)
- BM =Bottom Mount Flange
- BW =Bottom Mount Flange with WaterGuard
- TM =Top Mount Flange
- TW =Top Mount Flange with WaterGuard
- IM =Inside Mount Flange
- IW =Inside Mount Flange with WaterGuard
- 2/32 =Nominal Opening Range in inches
- F =Floor
- W =Wall
- D =Double sided

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PRODUCT LISTING

The following standards were utilized by Guardian in the Testing of Fireline 520's Seismic Expansion Control Joint Systems: UL Standard 2079; ASTM E-1966; ASTM E-119; CAN/ULC S115.

The test reports of the F520 SERIES Seismic Expansion Control Joint Systems listed by Guardian shows that the Systems meet the requirements of: UL Standard 2079; ASTM E-1966; ASTM E-119; CAN/ULC S115. Click on links below to be taken to listings for each assembly.

The listed 1 HR and 2 HR F520 SERIES fire barrier assemblies are:

F520-2TM-2/32F F520-2IM-2/32F
F520-2BM-2/32F

The listed 3 HR F520 SERIES fire barrier assemblies are:

F520-3TM-2/32F; F520-3IM-2/32F
F520-3BM-2/32F

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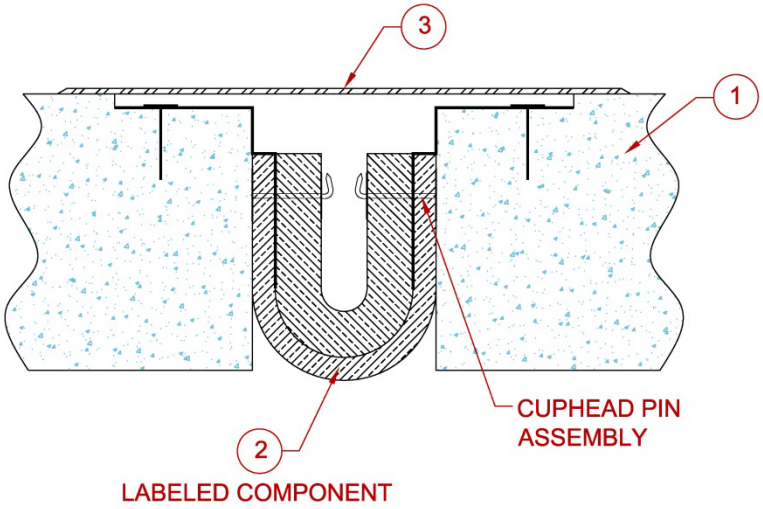
PRODUCT LISTING

FIRELINE 520™
Listing **F520-2TM-2/32F**

Fire Rated Expansion Joint System

Listing No. F520-2TM-2/32F
Corresponding Guardian Test report EER 21512
Assembly Rating: 2 Hours (also approved for Ratings less than 2 Hours)
Nominal Joint Width: 2" – 32" (50 mm – 810 mm)
Class IV Movement capabilities: Plus or minus 50% movement.



- **Floor Construction** - Reinforced lightweight or normal weight (100-150 pcf) structural concrete having a minimum rating of 2 hours.

- **Fire Barrier Assembly –** Nominal width of joint applies to system shown below. Flexible multilayer mat material with 16ga. expanded steel mounting angles on longitudinal edges with cuphead pin assembly. Angles are to be attached to floor with min. 27 caliber 1 ¼" long pin with washer spaced a max. of 12" on center. The fire barrier assembly shall be installed in accordance with the installation instructions accompanying the units.

Fireline 520™, an Inpro® Company	Model	Nominal Opening Width
	F520-2TM-2/32F	2"-32" (50 mm – 810 mm)

- **Expansion Joint Cover –** Minimum .25" (6.35mm) thick cover of aluminum, stainless steel or galvanized steel material. Joint covers anchored to floor slabs on one side of joint opening, continuous over length of joint in accordance with manufacturer's instructions. Joint covers attached to floor with hardware specified by joint manufacturer spaced max. 18" on center.

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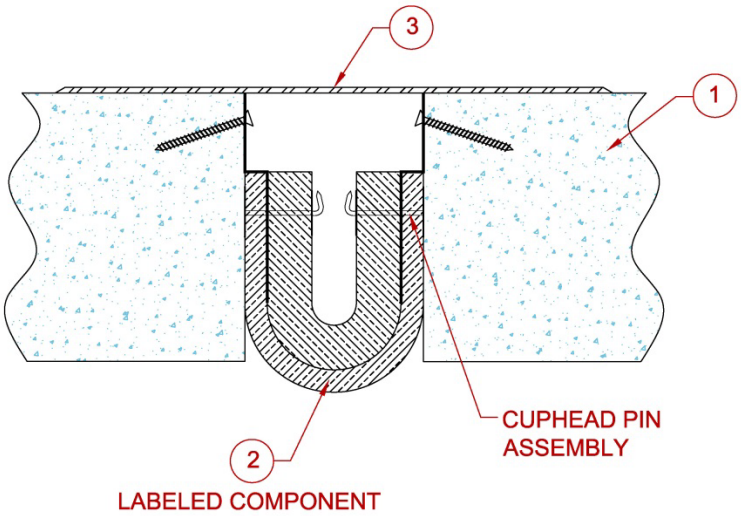
PRODUCT LISTING

FIRELINE 520™
Listing **F520-2IM-2/32F**

Fire Rated Expansion Joint System

Listing No. F520-2IM-2/32F
Corresponding Guardian Test report EER 21512
Assembly Rating: 2 Hours (also approved for ratings less than 2 hours)
Nominal Joint Width: 2" – 32" (50 mm – 810 mm)
Class IV Movement capabilities: Plus or minus 50% movement.



- **Floor Construction** - Reinforced lightweight or normal weight (100-150 pcf) structural concrete having a minimum rating of 2 hours.

- **Fire Barrier Assembly –** Nominal width of joint applies to system shown below. Flexible multilayer mat material with 16ga. expanded steel mounting angles on longitudinal edges with cuphead pin assembly. Angles are to be attached to floor with min. 27 caliber 1 ¼" long pin with washer spaced a max. of 12" on center. The fire barrier assembly shall be installed in accordance with the installation instructions accompanying the units.

Fireline 520™, an Inpro® Company	Model	Nominal Opening Width
	F520-2IM-2/32F	2"-32" (50 mm – 810 mm)

- **Expansion Joint Cover –** Minimum .25" (6.35mm) thick cover of aluminum, stainless steel or galvanized steel material. Joint covers anchored to floor slabs on one side of joint opening, continuous over length of joint in accordance with manufacturer's instructions. Joint covers attached to floor with hardware specified by joint manufacturer spaced max. 18" on center.

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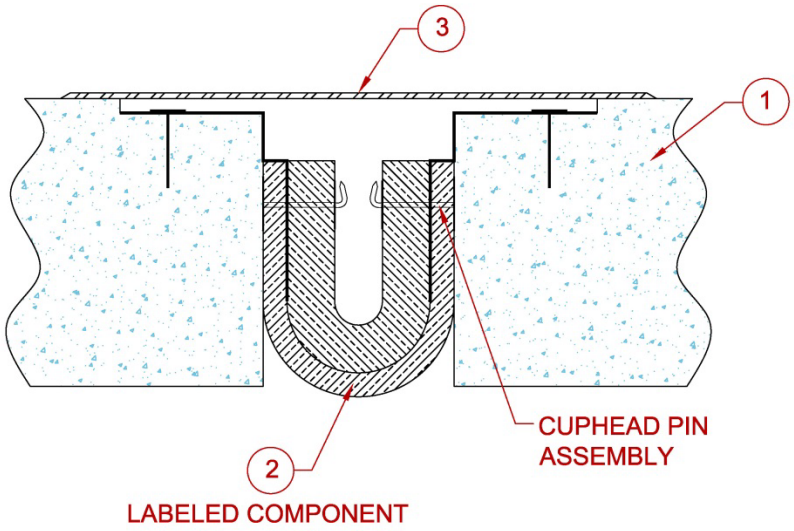
PRODUCT LISTING

FIRELINE 520™
Listing **F520-3TM-2/32F**

Fire Rated Expansion Joint System

Listing No. F520-3TM-2/32F
Corresponding Guardian Test report GL 34114
Assembly Rating: 3 Hours
Nominal Joint Width: 2" – 32" (50 mm – 810 mm)
Class IV Movement capabilities: Plus or minus 50% movement.



- **Floor Construction** - Reinforced lightweight or normal weight (100-150 pcf) structural concrete having a minimum rating of 3 hours.

- **Fire Barrier Assembly –** Nominal width of joint applies to system shown below. Flexible multilayer mat material with 16ga. expanded steel mounting angles on longitudinal edges with cuphead pin assembly. Angles are to be attached to floor with min. 27 caliber 1 ¼" long pin with washer spaced a max. of 12" on center. The fire barrier assembly shall be installed in accordance with the installation instructions accompanying the units.

Fireline 520™, an Inpro® Company	Model	Nominal Opening Width
	F520-3TM-2/32F	2"-32" (50 mm – 810 mm)

- **Expansion Joint Cover –** Minimum .25" (6.35mm) thick cover of aluminum, stainless steel or galvanized steel material. Joint covers anchored to floor slabs on one side of joint opening, continuous over length of joint in accordance with manufacturer's instructions. Joint covers attached to floor with hardware specified by joint manufacturer spaced max. 18" on center.

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PRODUCT LISTING

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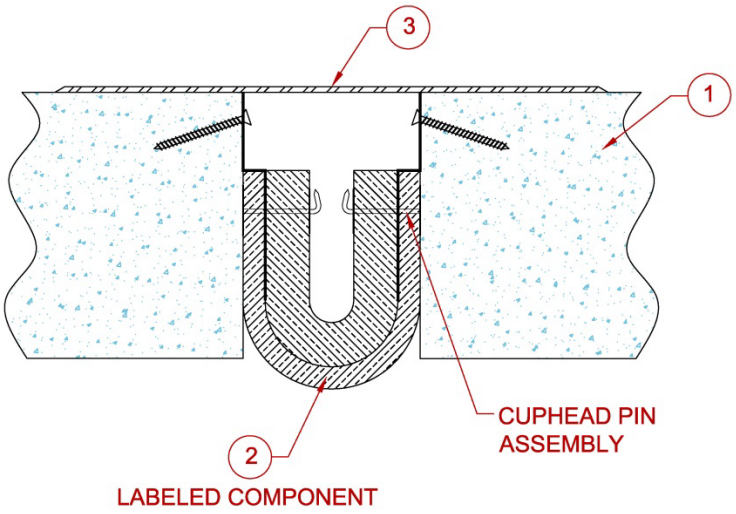
Listing **F520-3IM-2/32F**

Fire Rated Expansion Joint System

Fire Rated Expansion Joint System

Listing No. F520-3IM-2/32F
Corresponding Guardian Test report GL 34114
Assembly Rating: 3 Hours
Nominal Joint Width: 2" – 32" (50 mm – 810 mm)
Class IV Movement capabilities: Plus or minus 50% movement.



- **Floor Construction** - Reinforced lightweight or normal weight (100-150 pcf) structural concrete having a minimum rating of 3 hours.

- **Fire Barrier Assembly –** Nominal width of joint applies to system shown below. Flexible multilayer mat material with 16ga. expanded steel mounting angles on longitudinal edges with cuphead pin assembly. Angles are to be attached to floor with min. 27 caliber 1 ¼" long pin with washer spaced a max. of 12" on center. The fire barrier assembly shall be installed in accordance with the installation instructions accompanying the units.

Fireline 520™, an Inpro® Company	Model	Nominal Opening Width
	F520-3IM-2/32F	2"-32" (50 mm – 810 mm)

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