



metacaulk®



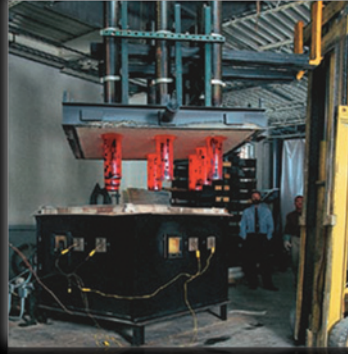
FIRESTOPPING SOLUTIONS

WWW.METACAULK.COM

Worldwide Leader in Firestop Technology - Our family of UL approved **Metacaulk® Firestopping Products** is specifically designed to fill voids in construction joints and around penetrations in fire-rated walls or floors. Many have intumescent properties and expand when exposed to heat, forming a high-strength insulating char. **Metacaulk®** products contain a combination of biocides that protect the product in both the cured and non-cured state against mold growth. Our intumescent firestop products comply with required environmental exposure testing of accelerated aging and high humidity, as per UL 1479 Fire Test of Through-Penetration Firestops. In the event of fire, **Metacaulk®** sealants will restrict the spread of flames, smoke, hot gases and water. Whatever your application, we provide the most cost effective products to fit your every need.



A computerized control room monitors all phases of test burns as specified by ASTM E-814 (UL 1479) or ASTM E-1966 (UL 2079).



Two on-site test ovens allow for quicker response to customer needs for UL approved systems and speed the development of new systems.



After test burns, assemblies are immediately subjected to a hose stream test to complete the ASTM E-814 (UL 1479) or ASTM E-1966 (UL 2079) procedure.

RectorSeal®, founded in 1937, is a leading manufacturer of firestopping products. In 1995, an on-site fire test laboratory was built for the purpose of conducting UL witnessed burns for through-penetration and construction joint assemblies. Our laboratory has been designated by UL under their Witness Test Data Program for fire testing to UL 1479 & UL 2079.

Below is a list of Model Building Codes requiring the use of firestop products in various types of construction and occupancies. Most local codes are derived from one or more of these model codes. **Metacaulk®** Products and Systems meet the through-penetration firestopping requirements found within the appropriate sections of the following codes:

Code	Interpretation
IBC.....	International Building Code
ICBO.....	International Conference of Building Officials; Uniform Building Code
SBCCI	Southern Building Code Congress International; Standard Building Code
BOCA	Building Officials and Code Administrators International; National Building Code
CABO	Council of American Building Officials (coordinating agency between ICBO, SBCCI & BOCA)
NBCC.....	National Building Code of Canada
IRC.....	International Residential Code
NFPA 5000	Building Construction & Safty Code

Metacaulk® Products are specified in many systems within the UL Fire Resistance Directory and Intertek (Warnock Hersey) Directory of Listed Building Products and conform to one or more of the appropriate sections within the following codes, test requirements or approved agencies shown:

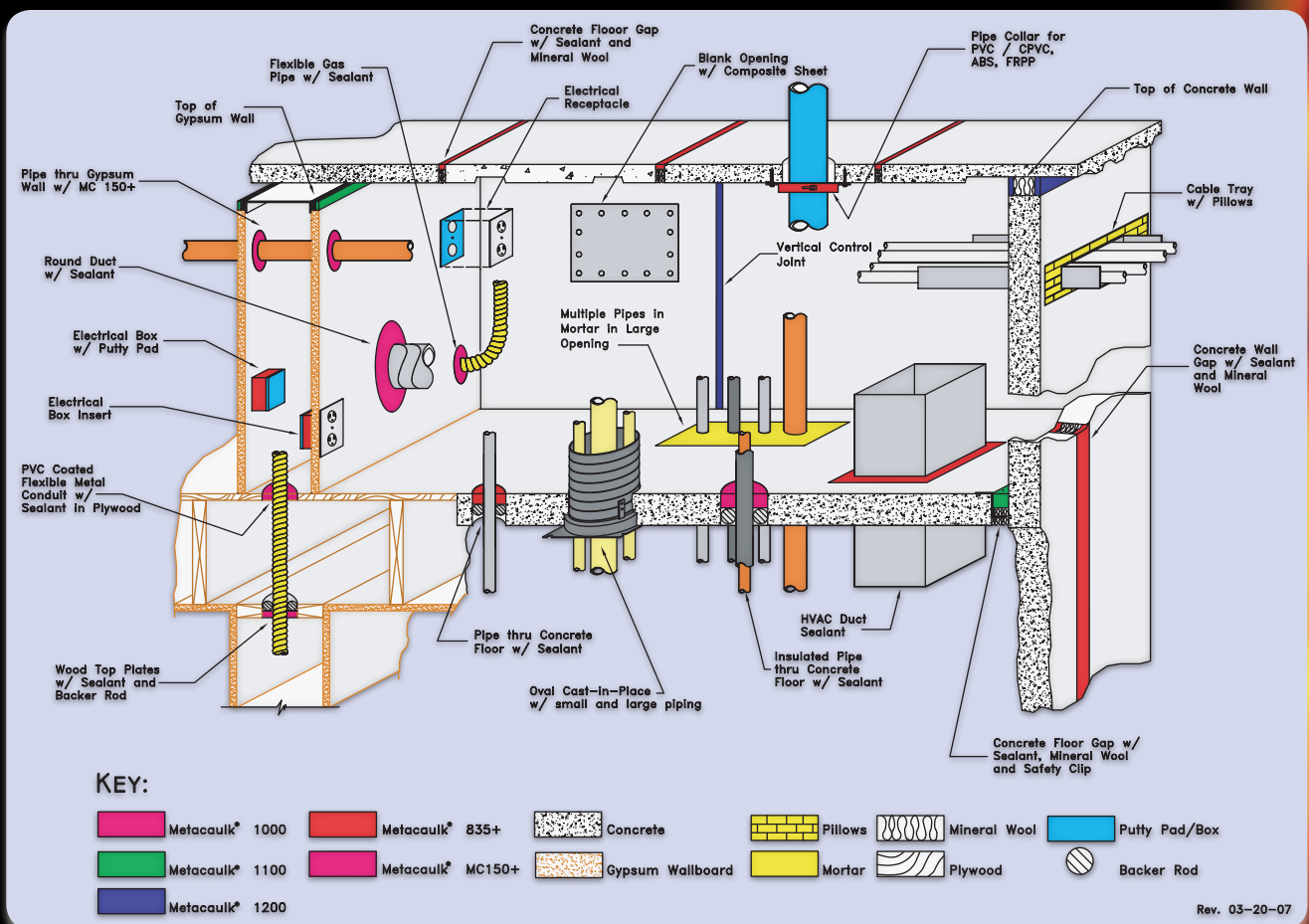
Code	Interpretation
UL 1479	Fire Tests of Through-Penetration Firestops
UL 2079	Tests for Fire Resistance of Building Joint Systems
ASTM E-1966	Standard Test Method for Fire Resistive Joint Systems
ASTM E-814	Standard Test Method for Fire Tests of Through-Penetration Fire Stops
NFPA 101	National Fire Protection Association Life Safety Code
NEC (NFPA 70)	National Electrical Code
ASTM E-119 (UL 263) ..	Method for Fire Tests of Building Construction and Materials
ASTM E-84 (UL 723)	Test Method of Surface Burning Characteristics of Building Materials
4485-1372: 100-104 ..	California State Fire Marshall
VARIOUS	City of New York, MEA Approval
RR 24952	City of Los Angeles, Approval
ULC CAN4-S115M	Standard Method of Fire Tests of Fire Stop Systems
ULCCAN/ULC-S101M..	Standard Method of Fire Endurance Tests
B.S.476/prEN1366.3..	European / British Standards
AS 1530.4	Part 4: Fire Resistance Tests of Elements of Building Construction
AS 4072.1.....	Part 1: Service Penetration and Control Joint

FIRESTOPPING DECISION PATH:

Metal Pipe - EMT, Copper	Metacaulk® 1000, 350i, MC 150+, 950*, 835+, Mortar, Putty & Cast-In-Place
Multiple Metal	Metacaulk® 1000, 350i, 950*, 835+, Mortar & Cast-In-Place
Insulated Metal Pipe	Metacaulk® 1000, 350i, 950*, 835+, Wrap Strip & Cast-In-Place
Plastic Pipe	Open Pipe 2" & smaller Metacaulk® 1000, 350i, Pipe Collar, Wrap Strip & Cast-In-Place Open Pipe up to 4" Metacaulk® Pipe Collar, Wrap Strip & Cast-In-Place Closed Pipe 4" & smaller Metacaulk® 1000, 950*, Pipe Collar, Wrap Strip & Cast-In-Place Open/Closed Pipe 6" Metacaulk® Pipe Collar & Cast-In-Place
Glass Pipe	Metacaulk® 950* & Mortar
Cables	All types; Single or Bundled Metacaulk® 1000, 350i, MC 150+, 950*, 835+, Mortar, Putty & Cast-In-Place Cable Trays Metacaulk® 1200, Mortar, Pillows, Bixi Stix™ & Composite Sheet
Construction Joints Top of Wall	Metacaulk® 1000, 835+, 1100, 1200 & Joint Strip
Large Openings	Metacaulk® Mortar, Pillows & Composite Sheet
Blank Openings	Metacaulk® Mortar, Putty, Pillows, Composite Sheet & Cast-In-Place
Electrical Outlet Boxes	Metacaulk® Box Guard™, Cover Guard™ & Putty Pads

* Metacaulk® 950 is to be used only when NO vibration or moisture is present.

PRODUCT APPLICATIONS:

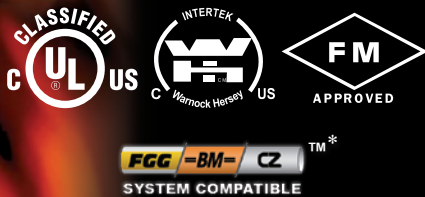


METACALK® 1000 INTUMESCENT FIRESTOP SEALANT

Metacaulk® 1000 is a water-based, flexible, highly intumescent sealant designed for use on metal, insulated, fiberglass and plastic pipes. It can also be used for top of the wall construction joints, as well as power and telephone cables. STC rating 54, Tested in a UL 411 wall assembly/section to ASTM E90.



Metacaulk® 1000 is applied with a conventional caulking gun, bulk loading gun or can be troweled from the pail. For large applications, it can be pumped directly from the pail.



- UL Classified systems up to 4 hours
- Meets ASTM E 814, UL 1479 & UL 2079 Standards
- Excellent Freeze-Thaw
- Non-sagging, non-toxic, no VOC's
- Flexible Set
- Economical
- Highly Intumescent
- For interior use - Paintable
- Available in cartridges & pails

Code	Description	Quantity per Case
66302	10.3 oz. Cartridge	24
66303	30 oz. Cartridge	12
66312	20.2 oz. Sausage Pack	12
66305	1 Gallon	4
66307	2 Gallon	1
66309	5 Gallon	1

Metacaulk® 1000 will prevent the spread of flames, smoke, hot gases and water through joint openings and through-penetrations. No dilution or mixing is required for use. No special skills are necessary for installation.

Metacaulk® 1000 has passed ASTM E 1966/UL 2079 for top of the wall applications with or without backing and as little as 1/4 inch depth of caulk. The test assembly was also subjected to 500 cycles on a specially built machine that successfully demonstrated the product's durability and movement characteristics.

METACALK® 350i INTUMESCENT FIRESTOP SEALANT



Metacaulk® 350i is a one-component, general purpose fire-rated sealant and smoke seal for construction joints and through-penetrations. **Metacaulk® 350i** is an intumescent, water-based, non-sag caulking grade sealant that is easy to apply and great for retrofits. It cures to an elastomeric seal that is suitable where dynamic movement is expected. STC rating 53, Tested in a UL 411 wall assembly/section to ASTM E90.



- Meets ASTM E 814 (UL 1479) & ASTM E 1966 (UL 2079) Standards
- Highly Intumescent
- Non-sagging, non-toxic, no VOC's
- Excellent Freeze-Thaw
- Sound Rated

Code	Description	Quantity per Case
66610	10.3 oz. Cartridge	24
66612	30 oz. Cartridge	12
66611	20.2 oz. Sausage Pack	12
66613	5 Gallon	1

* FGG/BM/CZ™ System Compatible™ indicates that this product has been tested, and is monitored on an ongoing basis, to assure its chemical compatibility with FlowGuard Gold®, BlazeMaster® and Corzan® pipe and fittings.
 ** FGG/BM/CZ™, FlowGuard Gold®, BlazeMaster® and Corzan® are licensed trademarks of the Lubrizol Corporation.

METACALK® MC 150+ FIRESTOP SEALANT



Metacaulk® MC 150+ is a one-component, general purpose, fire-rated sealant and smoke seal for construction joints and through-penetrations. A water-based, non-sag caulking grade sealant that is easy to apply as well as to retrofit. An economic choice for most common applications. STC rating 51, Tested in a UL 411 wall assembly/section to ASTM E90.

- Economical
- Water-Based - VOC compliant
- Flexible Set
- Paintable
- Bonds Quickly
- Safe & easy to use



Code	Description	Quantity per Case
66382	10.3 oz. Cartridge	24
66383	30 oz. Cartridge	12
66385	20.2 oz. Sausage Pack	12
66389	5 Gallon	1

METACALK® 950 WATER-BASED SEALANT



Metacaulk® 950 is a water-based sealant designed for interior use and can be used on metal pipe, such as: steel, EMT, copper and aluminum. May also be used on glass pipe, as well as telephone and power cables. Suitable for use with PVC and CPVC plastic pipe on closed (pressure) systems and on some insulated pipes.

Metacaulk® 950 is formulated with inorganic materials, which will not create smoke or toxic gases when exposed to fire. For interior applications only, it can not be used in areas where there is continuous vibration on the through-penetration opening or where wet conditions exist or may occur.

- Economical
- Water-Based - VOC compliant
- Non-sagging
- Forms a hard char
- Non-flammable
- 1, 2 & 3 hour ratings



Code	Description	Quantity per Case
66002	10.3 oz. Cartridge	24

METACALK® 835+ FIRESTOP SILICONE SEALANT



Metacaulk® 835+ is for applications that require a silicone-based firestop. Designed for use with PVC pipe on closed (pressure) systems, EMT, insulated and uninsulated steel pipe, construction and control joints and interior expansion joints. Flexible, non-sag and low odor sealant for exterior or interior use. Used in systems where dynamic movement is expected. STC rating 55, Tested in a UL 411 wall assembly/section to ASTM E90.



Code	Description	Quantity per Case
66012	10.15 oz. Cartridge	24
66019	5 Gallon	1

- Elastomeric
- Exterior / Interior Use
- Non-sagging
- May be used where dynamic movement is expected
- Water Resistant

* FGG/BM/CZ™ System Compatible™ indicates that this product has been tested, and is monitored on an ongoing basis, to assure its chemical compatibility with FlowGuard Gold®, BlazeMaster® and Corzan® pipe and fittings.
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METACALK® 1200 SPRAYABLE FIRESTOP MASTIC

Metacaulk® 1200, available in three consistencies, is a single-component, general purpose, fire-rated sealant for construction joints, such as: top of the wall, curtain wall perimeter, expansion, control, etc. Can also be used for general construction gaps and voids.



Metacaulk® 1200 spray application. Contact Technical Service for recommended spray equipment.

Metacaulk® 1200 is a water-based sealant designed for spray application. It allows fast, economical installation on long joint runs. **Self-Leveling** is made for horizontal applications and **Caulk Grade** is a non-sag sealant that is easy to apply. Metacaulk® 1200 is also an excellent, fire-rated acoustical sealant. It cures to an elastomeric seal suitable for use where dynamic movement is expected. STC rating 50, Tested in a UL 411 wall assembly/section to ASTM E90.

Coverage Rate Chart:

Opening Width (inches)	*Coverage Rate in Linear Feet per Gallon at an Application Thickness of:		
	1/8 in.	3/16 in.	1/4 in.
1/2	102	68	51
3/4	88	58	44
1	77	51	38
1 1/2	61	41	30
2	51	34	25
2 1/2	44	29	22
3	38	25	19
3 1/2	34	22	17
4	30	20	15
5	25	17	12
6	22	14	11

Rates as given are **theoretical**. Allow for application losses, opening size variations and applied thickness variations. *Calculation includes 1/2" overlap along both edges of opening. Note: All calculations should be verified by installer.

- UL Classified systems up to 3 hours
- Meets UL 2079 standards & cycling requirements of ASTM E 1966 (500 cycles)
- Remains flexible
- Can be applied by spray, trowel or brush
- Economical
- VOC compliant



Code	Description	Quantity per Case
Sprayable :		
66379	5 Gallon	1
Caulk Grade :		
66292	20.2 oz. Sausage Pack	12
66015	30 oz. Cartridge	12
66387	5 Gallon Caulk Grade	1
Self Leveling (SL) :		
66521	1 Quart	12
66523	5 Gallon	1

METACALK® 1100 INTUMESCENT FIRESTOP MASTIC

Metacaulk® 1100 is a water-based intumescent firestopping sealant/mastic and smoke seal designed for spray application that can also be brushed or troweled into construction joints, such as at top of the wall, curtain wall perimeter, and general construction gaps and voids. STC rating 54, Tested in a UL 411 wall assembly/section to ASTM E90.



- UL Classified systems up to 4 hours
- Meets ASTM E 814 & ASTM E 1966 (UL 2079) Standards
- Remains flexible
- Can be applied by spray, trowel or brush
- Economical
- Paintable



Code	Description	Quantity per Case
66319	5 Gallon	1
66317	30 Gallon	1
66318	55 Gallon	1

METACAULK® INTUMESCENT PIPE COLLARS

Metacaulk® Pipe Collars are prefabricated firestop systems for through-penetrations using PVC, CPVC, ABS, PVC foam core, ABS foam core, FRPP, PEX pipe and electrical cable. UL classified for both open and closed pipe systems.

Metacaulk® Pipe Collars feature an easy locking mechanism that assures simple installation. The collar's design greatly reduces the time and expense required to install competitive collars.



- 25% reduction of installation time
- Simple locking mechanism for easy installation
- Highly Intumescent
- Economical - Most systems do not require backfill
- No measurement of material
- Fits in limited access areas

Code	Description	Quantity per Case
66352	1 1/2" Pipe Collar	12
66353	2" Pipe Collar	12
66350	3" Pipe Collar	6
66351	4" Pipe Collar	6
66354	6" Pipe Collar	2

METACAULK® CAST-IN-PLACE DEVICES



Metacaulk® Cast-In-Place firestop devices are designed for use in poured concrete floors to form a through-penetration firestop system. These devices are installed prior to pouring concrete. They provide a firestopped opening which allows a variety of materials to pass through, such as plastic, metal and insulated pipes, as well as cable and wire bundles. Each sleeve comes complete with a cap and integrated rubber membrane. A unique oval design allows three penetrations through a single hole. Can be used for hot, cold and drain pipes in one opening.

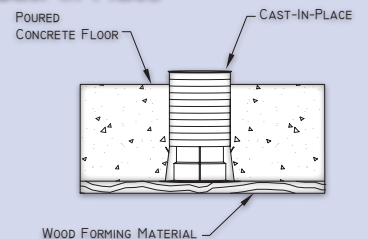
Metacaulk® Cast-In-Place Extensions extend Cast-In-Place devices from a height of 8" to 14". Simply place extension over device, push firmly until seated and pull cable ties to tighten. May be cut to desired height.



Code	Description	Quantity per Case
66591	2.5" Cast-In-Place	12
66590	4" Cast-In-Place	6
66592	6" Cast-In-Place	4
66593	Oval Cast-In-Place	12
66594	2.5" Deck Adapter Kit	12
66595	4" Deck Adapter Kit	12
66596	6" Deck Adapter Kit	8
66597	Oval Deck Adapter Kit	12
66586	2.5" Extension	12
66587	4" Extension	6
66588	6" Extension	4
66589	Oval Extension	12

- Easy to install
- Eliminates core drilling
- Saves on labor costs
- Highly Intumescent
- No Measurement of Material
- Accommodates a variety of pipe diameters

Cast-In-Place



METACAULK® FIRE-RATED PUTTY STICKS & PADS



Metacaulk® Putty Sticks are used to seal around penetrating items through fire-rated walls, floors and within blank openings. For use with electrical cables, conduit and metal pipes. Hand moldable with no curing time required. Will not dry out and can be re-used as additional penetrating items are removed or installed.

- Easy to Install / Applied by Hand
- No Asbestos Fillers
- No Mixing
- Adheres to all common building surfaces

Code	Description	Quantity per Case
66345	18 cubic inches	12



Code	Description	Quantity per Case
66340	6" x 7" 1/8" thick	20
66335	7" x 7" 1/8" thick	20

Metacaulk® Putty Pads are used to maintain the hourly rating of fire-rated walls containing electrical outlet boxes and to reduce sound transmission. Only one pad thickness (1/8 inch) is required for a 1 or 2 hour fire rating. No additional putty material needed to plug the end of each electrical metallic tube or conduit at its connection to the box. Hand moldable with no curing time required. STC rating 49, Tested in a UL 411 wall assembly/section to ASTM E90.

METACAULK® BOX GUARD™



Metacaulk® Box Guard™ is a highly intumescent, fire-rated pad for use in electrical boxes. When complying with the "24 inch rule", it is inserted on the inside back wall of an electrical box. When exposed to fire, **Box Guard™** will expand forming a char that will seal off the opening and prevent the spread of flames and limit the temperature rise on the unexposed surfaces. A labor saving, economical alternative to putty pads. Great for retrofit jobs. STC 53 Rating, Tested in a UL 411 wall assembly/section to ASTM E90.

- Easy to install w/ Self-adhesive strip
- Cost effective
- UL Classified as a Wall Opening Protective Material
- Highly intumescent
- Non-conductive
- Dielectric breakdown voltage 22V/mil (ASTM D 149)

Code	Description	Quantity per Case
66366	Single Box	50
66367	Double Box	50
66369	4 11/16" x 4 11/16"	50



METACAULK® COVER GUARD™



Metacaulk® Cover Guard™ is a single component, fire-rated gasket for use with electrical boxes to comply with the "24 inch rule". **Metacaulk® Cover Guard™** fits under the cover plate and does not take up volume in the electrical box. It is a labor saving replacement for putty pads in normal applications. STC 54 rating, Tested in a UL 411 wall assembly/section to ASTM E90. Patent Pending.

- Easy to install - Cost effective
- UL Classified as a Wall Opening Protective Material
- Great for retrofit applications
- Reduces sound transmission

Code	Description	Quantity per Case
66270	Double Receptacle	50
66272	Single Receptacle	50
66274	Double Switch	50
66276	Single Switch	50
66266	Double Decor	50
66265	Single Decor	50



METACAULK® FIRESTOP PILLOWS



Metacaulk® Firestop Pillows are intumescent and designed for use primarily in large temporary or frequently accessed openings with cables, cable trays, blank openings or multiple penetrating items. In the event of a fire, Metacaulk® Firestop Pillows will prevent the spread of flames and hot gases through the openings.

- UL Classified systems up to 4 hours
- Easy to install / No tools required
- Cost effective - Reusable
- Forms a very strong char
- No wire mesh required in most installations
- Two sizes



Code	Description	Quantity per Case
66362	2" x 9" x 6" Pillow	10
66363	3" x 9" x 6" Pillow	10

METACAULK® FIRE-RATED MORTAR



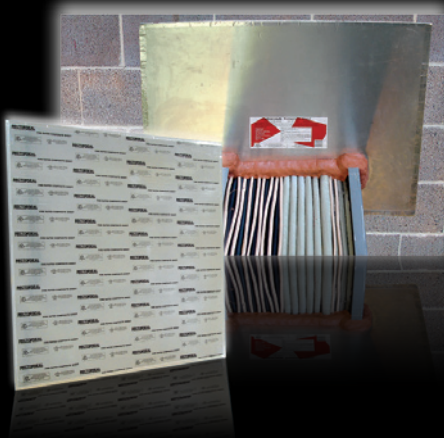
Metacaulk® Fire-Rated Mortar has load bearing characteristics and is suitable for economically firestopping large openings for through-penetrations in fire-rated walls and floors. It can be used with power cables, fiber optic or telephone cables, aluminum or steel cable trays, EMT, copper, steel or cast iron pipe.

- Tested in accordance with ASTM E 814 (UL 1479) for up to 4 hour rating with only 4 1/2" thickness.
- Easy to use: mix into water, then pour, trowel or pump in place
- High yield per pound
- Cost savings in labor & material for medium to large openings when compared with products such as composite sheets



Code	Description	Quantity per Case
66331	20 lb. Pail	1
66334	45 lb. Bag	1

METACAULK® COMPOSITE SHEET



Metacaulk® Composite Sheet is a rigid, fire resistive panel used to seal penetrations and restore the fire-rating to floors, ceilings or walls in which a large opening has been made for the passage of penetrating items. It is made of a reinforced, highly intumescent material which is bonded on one side to a galvanized steel sheet.



Code	Description	Quantity per Case
66320	36" x 36" Sheet	1

- Light weight & Easy to install
- Thinner sheet cuts & bends with standard sheet metal hand tools
- Systems rated to 4 hours
- Saves time & money
- Sheets come 36" x 36" x 0.2"

METACALK® FIRESTOPPING JOINT STRIP



Metacaulk® Joint Strip is a flexible, highly intumescent firestop material used in concrete and masonry floor and wall joints up to 1" wide. It forms a strong insulating char that prevents the passage of flame, smoke and hot gases between joints. **Metacaulk® Joint Strip** is ideal for stadium construction, tilt up panels, curtain wall panels and all concrete and masonry wall and floor construction joint applications where a fire-rated joint is required.

- No firestop caulk required
- Simple & Easy
- Single sided application
- Saves labor & materials



Code	Description	Quantity per Case
66700	1/16" x 1" x 82' Strip	6
66701	1/16" x 1.5" x 82' Strip	4

METACALK® FIRESTOPPING WRAP STRIP



Metacaulk® Wrap Strip is a flexible strip of highly intumescent firestop material used primarily for plastic and insulated pipe applications. When exposed to heat, it expands and forms a strong char to seal off the penetration and prevent the passage of flames and hot gases. Easy to apply - simply wrap required number of strips around penetrating item and push into annular space. May also be used with an universal collar.

- 25% reduction of installation time
- Easy to apply
- Systems up to 14" PVC
- Easy dispensing carton
- No cure time



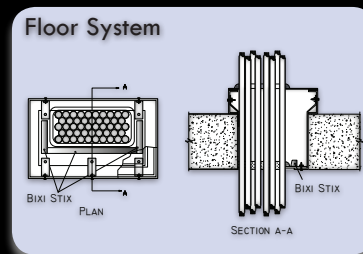
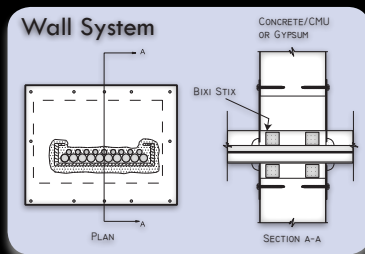
FGG-BM-CZ™
SYSTEM COMPATIBLE

Code	Description	Quantity per Case
66135	1" x 12' Strip	6
66136	2" x 12' Strip	4

METACALK® BIXI STIX™



Metacaulk® Bixi Stix™ is a flexible, highly intumescent firestop material specially designed for use in the telecommunication industry. It forms a highly insulating char under fire conditions to prevent the passage of flame, smoke and hot gases. Patent Pending.



- Excellent for both new & retrofit constructions
- Lowest cost method for firestopping large openings
- Ideal for openings in concrete floors with kick box installed on the top of the floor

Code	Description	Quantity per Case
66055	4 Sticks per Kit	6

* FGG/BM/CZ™ System Compatible™ indicates that this product has been tested, and is monitored on an ongoing basis, to assure its chemical compatibility with FlowGuard Gold®, BlazeMaster® and Corzan® pipe and fittings.
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METACAULK® FIRESTOPPING ACCESSORIES

Wire Mesh Screen in 100 Foot Rolls

Code	Description	Quantity per Case
66106	4.75" x 100' Roll	1

6 lb. / cu. ft. Safing mineral backing 2' wide x 4' long

Code	Description	Quantity per Case
66101	2" thick	8

Foam Backer Rod is a foam rod backing material to set depth of penetration prior to installing sealant.

Code	Description	Quantity per Case
66112	1" x 75'	1

Universal Collar for concrete, wood or gypsum.

Code	Description	Quantity per Case
66091	2" x 50' Roll	1
66095	1" x 50' Roll	1

Caulking Guns are industrial grade caulking guns with seal puncture and built-in cutter.

Code	Description	Quantity per Case
66114	10.3 oz. Gun	1
66115	30 oz. Gun	1
66116	20.2 oz. Gun	1

Replacement Tips for Sausage Gun

Code	Description	Quantity per Case
66117	Tips	25

Pump Filler for 5 Gallon Pail for use with Bulk Loading 24 oz. Caulk Gun.

Code	Description	Quantity per Case
66104	Pump	1

Bulk Loading 24 oz. Caulk Gun

Code	Description	Quantity per Case
66093	24 oz. Gun	1

METACAULK® FIRESTOPPING SOLUTIONS GUIDE

- New program is installed directly on to your hard drive
- With just one click, any new or updated files are automatically loaded to your computer via the Internet
- No new replacement CD's needed for upgrades.

Simple and fast method to identify UL systems and Metacaulk® products - Answer a few questions to customize your search and quickly find the appropriate UL system.

Submittal section - Enables you to personalize each submittal with specified systems, data sheets and MSDS.

A customizable cover sheet - Remembers your last entry, no need to retype.

Import & Export features - Share your submittals by E-mail.

Volume Calculation - Quickly find the volume of Metacaulk® products needed for a given application.

Print List feature - Totals all required material and is a quick reference when you order.

Reference Section - Has many helpful sections: MSDS, approvals and codes, glossary, FAQs and many more.

As always, Contact our Technical Service Department for more information.

To request your FREE Solutions Guide, Call 1-800-231-3345 or download directly at WWW.METACAULK.COM



FREE OFFER

EASY VOLUME CALCULATION:

Diameter of Hole (inches)	Nominal Iron Pipe Sizes (Actual O.D. has been Calculated)										
	1/2	1	1 1/2	2	3	4	5	8	10	12	
1	.12										
1 1/2	.61	.20									
2	1.29	.89	.15								
2 1/2	2.18	1.78	1.04	.24							
3	3.26	2.86	2.12	1.32							
3 1/2	4.53	4.13	3.39	2.60							
4	6.01	5.60	4.87	4.07	1.47						
4 1/2	7.68	7.27	6.53	5.74	3.14						
5	9.54	9.14	8.40	7.60	5.01	1.87					
5 1/2	11.60	11.20	10.46	9.66	7.07	3.93					
6	13.86	13.46	12.72	11.92	9.33	6.19					
6 1/2	16.31	15.91	15.17	14.38	11.78	8.64					
7	18.97	18.56	17.82	17.03	14.43	11.29	2.01				
7 1/2	21.81	21.41	20.67	19.87	17.28	14.14	4.85				
8	24.86	24.45	23.72	22.92	20.32	17.18	7.90				
8 1/2	28.10	27.69	26.95	26.16	23.56	20.42	11.14				
10	38.99	38.59	37.85	37.05	34.46	31.32	22.03	10.06			
12	56.27	55.87	55.13	54.33	51.74	48.60	39.31	27.34	11.17		
14	76.69	76.29	75.55	74.75	72.16	69.02	59.73	47.76	31.59	13.13	

Helpful Hint:

Find out if your specific detail drawing calls for one or both sides of the partition to be caulked.

Table A	
Table calculations are based on 1/2 in. depth. Use formulas below for depths other than 1/2 in.	
For a Caulk Depth of:	Multiply Figure by:
1/4 in.	(divide by 2)
1/2 in.	(figure is correct)
3/4 in.	1.5
1 in.	2
1 1/4 in.	2.5
1 1/2 in.	3
2 in.	4
4 1/2 in.	9

Table B	
To determine the number of containers needed for any given volume, divide total volume by preferred container:	
Container:	Volume by Container:
10.3 oz. tube	18 cubic inches
30 oz. tube	54 cubic inches
1 gallon pail	231 cubic inches
2 gallon pail	462 cubic inches
5 gallon bucket	1155 cubic inches

Volume is given in cubic inches. Above calculations are based on 1/2" depth. Please refer to Table A for other depths.
Note: Allow for installation variations in all calculations.

METACAULK® FIRESTOPPING SEMINARS:



Perform hands-on training and learn to properly install a variety of **Metacaulk®** Firestop Products in approved systems. Receive instruction on solutions to your firestopping needs. Get introduced to new products and watch live demonstrations of our products in working conditions.

Twice a year, **RectorSeal®** hosts an **Advanced Metacaulk® Firestopping Seminar**. This seminar is tailored to accommodate distributors, contractors and representatives. It will focus on both classroom and hands-on training in the principles and usage of **Metacaulk®** products. Participants will also have the opportunity to observe a test burn in our On-site Fire Test Laboratory. An on-site **Basic Metacaulk® Firestopping Seminar** is also available through your local sales representative.



COMPANY INFO:

RectorSeal® is a leading manufacturer of chemical specialty products and other related products designed for professional tradesmen. Devoted to providing high quality products and services, **RectorSeal®** has become a name you can trust. **RectorSeal®** is committed to providing innovative quality products supported by strong customer and technical service.

RECTORSEAL®

2601 SPENWICK DRIVE, HOUSTON, TX 77055

PHONE: 713-263-8001 / 800-231-3345

FAX: 713-263-7577 / 800-441-0051

WWW.RECTORSEAL.COM

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