



A CSW Industrials Company

PRODUCT DATA SHEET

**METACALK® PUTTY & PADS**  
Fire-rated pad or stick

**Description**

Metacalk Putty is a moldable non-curing one component fire rated material for through-penetration firestop systems. Metacalk Putty will intumesce when heated, forming an insulating char. In the event of a fire, Metacalk Putty will prevent the spread of flames, smoke, gas and water through penetration openings. Metacalk Putty is applied by hand, no tools or mixing is required.



**Applications**

Use Metacalk Fire Rated Putty for various penetrations: small openings, EMT Pipe, Steel, Conduit, and Cabling, (Telephone, Power, Communications), metal or non-metallic electrical boxes, large steel boxes and junction boxes. UL approved designs using Metacalk Putty Pads with FRM Mortar designs to help provide a barrier or buffer for energized bus ducts or conduits as well as provide a barrier from vibration and movement.

**Characteristics | Features**

- Expands when exposed to fire
- No volatile solvents
- No asbestos fillers
- Single Component
- Applied by hand
- Adheres to all common building surfaces
- STC rating 60 - Pads

**Packaging**

Code	Size	Qty. per Case	Dimensions (in)	Cubic Feet
66345	18 cubic in	12	5 x 11 x 8	.25
66340	6 x 7 x 1/8	20	8 x 7 x 4	.13
66335	7 x 7 x 1/8	20	8 x 8 x 4	.15
66475	9 x 9 x 1/8	20	9 x 9 x 4	.19

**Installation Data**

**PUTTY:** Penetrating items should be firmly anchored. Clean opening of dust, dirt and oil. Refer to RectorSeal® application guide or current UL Product iQ™ for selection of proper system design detailing depths of putty and backing material. Optionally, putty may be packed into inside of conduit fittings to prevent passage of smoke.

**PUTTY PADS:** Remove liner from one side of pad (Step 1). Align with the side of the box partially overlapping the stud and adhere. Work pad to the opposite side of the box and over the edges (Step 2). If wall membrane is in place, pack putty into gaps between box and gypsum board slightly overlapping inner wallboard surface. If membrane is to be installed after pad installation, overlap front edge of box so that putty will be compressed around edges of box as wallboard is installed. Cut slits in pad to fit around conduit or cables (Step 3). Press pad to surface of top, bottom, and sides of box (Step 4). Trim excess at corners and apply to conduit fittings connected to the box. Remove exposed liner. Only one putty pad thickness (1/8") is needed for a 1 or 2 hour rating.

## Testing Data

Metacaulk Fire-Rated Putty are classified by Underwriters Laboratories as a fill, void or cavity material. Metacaulk Fire-Rated Putty Pads are classified as a wall opening protective material. For specific test criteria see UL Product iQ or call RectorSeal. Metacaulk Firestop Putty was tested to a positive pressure at a minimum .01 inches of water in accordance with UL 1479 and ASTM E814 test standards. Tested to CAN/ULC-S115 (Fire Tests of Firestop Systems) test standards. Tested to the time-temperature requirements of ASTM E119 (UL 263). Pads - Tested by a third party independent laboratory to the ASTM G21 standard with Fungal Growth Rating results of zero.



## Inspection & Repair

RectorSeal recommends that a firestop system inspection be conducted during installation of the material in accordance with ASTM E2174 and ASTM E2393. In the event post-installation inspection and destructive sampling is necessary, RectorSeal advises repairing the damaged firestop system by replacing any material that was removed or damaged with the same product originally installed, and ensuring the assembly matches the original firestop listing. RectorSeal advises, that due to the chemical nature of firestop products and sealants, material depth should be determined by measuring the points of adhesion at the substrate bond area as sealants may decrease in size during the curing process.

## Storage & Handling

Metacaulk Fire Rated Putty is not to be stored in areas where the temperatures exceed 120°F or drop below 0°F. Best if protected from freezing. If freezing occurs, thaw completely before using. Keep products dry and stored under protective cover in their original containers. A stock rotation program is recommended.

## Limitations

To be used only in the tested configurations or as recommended by RectorSeal.

## Cautions

**FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT, CALL CHEMTREC-DAY OR NIGHT 1-800-424-9300.**

**PRECAUTIONS:** Do not take internally.  
**KEEP OUT OF REACH OF CHILDREN.**

For additional information, refer to Safety Data Sheet.

## Limited Warranty

RectorSeal, LLC makes the Limited Express Warranty that when the instructions for storage and handling of our products are followed we warrant our products to be free from defects. THIS LIMITED EXPRESS WARRANTY IS EXPRESSLY IN LIEU OF ANY OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND OF ANY OTHER OBLIGATION ON THE PART OF RectorSeal, LLC. The sole remedy for breach of the Limited Express Warranty shall be the refund of the purchase price. All other liability is negated and disclaimed, and RectorSeal, LLC shall not be liable for incidental or consequential damages.

## Manufactured by RectorSeal®

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## Material Properties

Asbestos Fillers	None
Solvents	None
Hazardous Ingredients	None

## Activation of Intumescence:

Expansion Begins	220°F (104°C)
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Color	Red
Cure Time	None

## ASTM E 84, UL 723 Tunnel Test

Flame Spread	10
Smoke Index	125



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THE Source of Firestop Expertise®

MEMBER