



A CSW Industrials Company

## PRODUCT DATA SHEET

### METACALK® BOX GUARD™ Fire-rated Insert for Electrical Boxes

#### Description

Metacalk Box Guard is a single component fire rated insert for use with electrical boxes. It is inserted on the inside back wall of an electrical box, and is a highly intumescent firestop material. When exposed to fire, Metacalk 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. Metacalk Box Guard is applied by hand, and must comply with NEC 314.16 or other applicable codes.



#### Applications

Use Metacalk Box Guard on inside back panel of metallic electrical boxes to maintain the integrity of fire rated wall assemblies restricting the passage of flames and limiting the temperature rise on the unexposed surfaces. When Metacalk Box Guard is used as directed, the horizontal separation between outlet boxes on opposite sides of the wall may be less than 24 inches.

#### Characteristics | Features

- Easy to install
- Cost effective
- Highly intumescent
- Adheres to back of electrical box
- Non-conductive
- Dielectric Breakdown Voltage 22V/mil (ASTM D149)
- STC Rating 53

#### Packaging

Code	Size	Qty. per Case	Dimensions (in)	Cubic Feet
66366	Single – 1-13/16" x 2-13/16" x 1/4" (47 mm x 71 mm x 6 mm)	50	10x4x4	.09
66367	Double – 3-3/4" x 3-11/16" x 1/4" (94 mm x 95 mm x 6 mm)	50	4x8x8	.19
66369	Double for 5.S box – 4-3/8" x 4-3/8" x 1/4" (111 mm x 111 mm x 6 mm)	50	8x8x5	.19



## METACAULK® BOX GUARD™

Fire-rated Insert for Electrical Boxes

### Installation Data

Metacaulk® BOX GUARD™ is easy to install. Make sure rear surface is clean, dry and not contaminated. Remove protective paper from tape and stick pad to inside back wall of electrical box\*. Center pad from top and bottom of box. Install switch, or outlet. Use the single pad for a single box (2" x 4"), and double pad for double box 4" x 4", and 4 3/8" x 4 3/8" pad for 4 1/16" x 4 1/16" box. **Make sure installation complies with NEC 314.16 or other applicable codes.**

Consult UL Product IQ Directory for complete instructions and system listings.

\*If necessary, a maximum 3/8" hole may be created or the pad may be slit from one edge to allow easier access to the electrical box ground screw.

**NOTE: Not to be used on plastic boxes. For additional information refer to UL Product IQ Directory. Retain a copy of the Product Data Sheet for review by the inspector.**

### Testing Data

Metacaulk Box Guard is classified by Underwriters Laboratories, Inc. under Wall Opening Protective Material as found in the Fire Resistance Directory. For specific test criteria see UL Product IQ or call RectorSeal.

Metacaulk Box Guard was tested in accordance with UL 263/ ASTM E119 standard, "Fire Tests of Building Construction and Materials". It meets the requirements of all model building codes. Metacaulk Box Guard was tested to a positive pressure at a minimum .01 inches of water in accordance with ASTM E814 (UL 1479) test standards

Complies with Accelerated Aging and High Humidity Environmental Exposure Tests for Intumescent Material per ASTM E814 (UL 1479) Fire Test of Through-Penetration Firestops.

Sound Transmission Class (STC) 53 - The test was performed in accordance with ASTM E90, Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions & Elements.

### Material Properties

Asbestos Fillers	None
Solvents	None
Hazardous Ingredients	None
Color	Black

### ASTM E84, UL 723 Tunnel Test

Flame Spread	5
Smoke Index	5



Tested by a third party independent laboratory to the ASTM G21 standard with Fungal Growth Rating results of zero.



## **METACALK® BOX GUARD™**

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### **Storage & Handling**

Metacalk Box Guard should be stored in a dry environment. A stock rotation program is recommended.

### **Limitations**

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

### **Precautionary Statements**

Refer to Safety Data Sheet (SDS).

### **KEEP OUT OF REACH OF CHILDREN**

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

For additional Technical Information Call Toll Free 1-800-231-3345

### **Limited Warranty**



For more information on our product limited warranty, visit [RectorSeal.com](http://RectorSeal.com)



INTERNATIONAL FIRESTOP COUNCIL  
THE Source of Firestop Expertise®

MEMBER

