



A CSW Industrials Company

PRODUCT DATA SHEET

Fire-rated Gasket for Electrical Boxes

Description

Metacaulk® Cover Guard™ is a single component fire rated gasket for use with electrical boxes when addressing steel electrical box penetrations in fire rated assemblies (the "24 inch rule"). It is mounted on the inside of the cover plate and installed at the same time as the cover plate, covering the opening and providing the necessary fire protection. When exposed to heat, Metacaulk Cover Guard's highly intumescent nature causes it to 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. Metacaulk Cover Guard is applied by hand, does not take up volume in the electrical box and is a labor saving replacement for putty pads in normal applications.



Applications

Metacaulk Cover Guard is used when electrical boxes are installed in rated walls facing opposite directions and horizontally separated by less than 24". Metacaulk Cover Guard can also be used as a solution for standard electrical boxes when the 100 square inch rule is violated. Metacaulk Cover Guard is UL tested and can be used with both metal and plastic cover plates. Tested conditions for one and two hours.

Characteristics | Features

- Easy to install
- Cost effective
- Great for safe retrofit applications
- Reduces sound transmission

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 Cover 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.

Cautions

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

PRECAUTIONS: Do not take internally. May be harmful if swallowed. May cause eye and skin irritation if prolonged or repeated contact occurs. Wash after handling. **FIRST AID:** For any overexposure, get immediate medical attention after first aid is given. **EYES-**Flush 15 minutes with clean water. **SKIN-**Wash with soap and water. **INHALATION-**Remove to fresh air. **INGESTION-**Only if conscious, give large amounts of water and INDUCE VOMITING. **FIRE AND SPILLS:** Use water fog, CO₂, foam, or dry chemicals. Wipe up spills to prevent footing hazard. Clean up with scrapers and water. **STORAGE AND HANDLING:** Store away from heat sources. Keep container closed. Do not reuse empty container. **KEEP OUT OF REACH OF CHILDREN.**

For additional information, refer to Safety Data Sheet.

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Testing Data

Metacaulk Cover 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 Cover Guard was tested to UL 263/ ASTM E119 standard, "Fire Tests of Building Construction and Materials". It meets the requirements of all model building codes. Tested to the time-temperature requirements of ASTM E119 (UL 263) Tested to CAN/ULC - S115 (Fire Tests of Firestop Systems) test standards.

Complies to Required Environmental Exposure Testing of Accelerated Aging and High Humidity as per UL 1479 Fire Test of Through-Penetration Firestops.

Sound Transmission Class (STC) 54 - 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

