



A CSW Industrials Company

PRODUCT DATA SHEET

**METACAULK® 835+ SPRAY**  
Elastomeric, sprayable silicone firestop sealant

**Description**

Metacaulk® 835+ Spray is an elastomeric silicone based firestop sealant that will prevent the spread of flames, smoke, hot gases and water through joint openings. Cures to a flexible seal. Is suitable for areas of significant movement and can be applied to horizontal and vertical surfaces.

**Applications**

Wall to Floor Transition Joints. Wall to Wall Control Joints. Floor to Floor Control Joints and Curatin Wall Joints. Ideal for applications that require movement and or washout and water resistance in a short period of time. For best results use an airless sprayer at 3200 PSI static pressure with a 3/8" hose and .415-.419 spray tip.



**Characteristics | Features**

- Cures to flexible seal
- Suitable for areas of significant movement
- Can be applied to horizontal and vertical surfaces
- Excellent moisture resistance
- Forms a water/rain resistant seal after 1 hour
- Interior and exterior application
- Application temperature -20°F to 120°F
- Excellent freeze-thaw
- Meets Type S, Grade P, Class 25, Use NT, M, G, A, O.

**Packaging**

Code	Size	Qty. per Case	Dimensions (in)	Cubic Feet
66295	5 Gallon	1	13 Dia. x 14	0.67

## User Instructions

Mixing is required before application. The material should be stirred thoroughly prior to application. Store between 50°F and 77°F (10C to 25C). 18-month shelf life. Best if protected from freezing. If freezing occurs, thaw completely before use. Repeated exposure to large temperature swings could result in separation.

**Step 1** After joints have been properly made, install firestop system per approved detail drawings on one or both sides of the floor or wall.

**Step 2** Clean all joints in the sealing area to remove loose debris, dirt, oil, wax, grease, old caulking, etc.

**Step 3** Sealant should be at room temperature for the best application. Surface and air temperatures should be above 40°F.

**Step 4** Tightly pack joints and any other gaps with the appropriate backing material as listed in the selected tested or recommended design. The backing material should be flush with surface assembly. There should be no loose backing material, voids, or gaps present.

**Step 5** Spray the required coating thickness to completely cover backing material and overlap a minimum 1/2" on all adjacent substrates.

**Step 6** Follow manufacturer's airless sprayer specific equipment cleaning instructions. Any unused sealant should be resealed tightly in the original container to prevent curing.

**NOTE: SPRAY EQUIPMENT CAN BE DANGEROUS! USE ONLY PROPERLY TRAINED PERSONNEL. FOLLOW ALL SAFETY AND OPERATION INSTRUCTIONS AND PROCEDURES.**

## Testing Data

TESTED TO ASTM E1966 (UL 2079), ASTM E 2307, ASTM E1399. Tested to the time-temperature requirements of ASTM E119 (UL 263).

Sound Transmission Class **(STC) 55** - The test was performed in accordance with ASTM E90, Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions.

## Material Properties

Density	1.002g/ml
Solids	97.0%
Cure Method	Neutral, moisture cure
Skin Over Time	30-60 minutes
Full Cure/Adhesion	24 Hours for 1/8" thickness
Tensile Strength	23.5 kPa
Tear Strength	0.82 kN/m
Color	Gray
<b>Volume Coverage:</b>	
5 gallon	1155 cu. in. (18.9 liter)



**RECTORSEAL, LLC**  
**Metacaulk 835+ Spray**

**Control No. 5009113**

Certified to: UL 2079, ASTM E2307, ASTM E1399, ASTM E1966  
Refer to Intertek's Directory of Building Products (<https://bpdirectory.intertek.com>) for detailed information.

## Inspection & Repair

RectorSeal recommends firestop system inspection is 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

Store in a clean, dry area at a temperature between 50°F to 77°F (10°C to 25°C). Keep product stored under protective cover, in the original container. Product has a shelf life of 18 months. A stock rotation program is recommended.

## Limitations

Do not use Metacaulk 835+ Spray in computer rooms as spray can form a fine mist during spraying that could possibly damage sensitive electronics that are not properly protected.



## WARNING

**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, skin, and respiratory tract 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. Do not use solvents to remove from skin. **INHALATION** - Remove to fresh air. **INGESTION** - Only if conscious, give large amounts of water and INDUCE VOMITING. **FIRE & SPILLS** - Use water fog, CO<sub>2</sub>, 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

## 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

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