



A CSW Industrials Company

PRODUCT DATA SHEET

METACALK® 950

Interior, Water-based Sealant

Description

Metacalk 950 is a one component fire-rated sealant for through-penetration fire stop systems. In the event of a fire, Metacalk 950 will prevent the spread of flames, smoke, gas and water through penetration openings. It is formulated with noncombustible inorganic materials, therefore Metacalk 950 will not create smoke or toxic gases when exposed to fire. Metacalk 950 is to be used for interior applications only. It cannot be used in areas where there is continuous vibration on the through-penetration opening where wet conditions exist or may occur, or where there are continuous temperatures above 120° F (49° C). Metacalk 950 is applied with a conventional caulking gun. Metacalk 950 is a non-slumping sealant that sets to form a hard, yet retrofitable surface and can be used to seal static construction joints. Mixing is never required for installation. Metacalk 950 systems are rated for 1, 2 and 3 hours in accordance with the ASTM E814 (UL 1479) and ASTM E1966 (UL 2079) test standards. Metacalk 950 is protected in a wet stage as well as in a dry stage against mold growth with a combination of biocides.



Applications

Use Metacalk 950 exclusively for interior conditions. Because Metacalk 950 is water soluble it is not suitable for exterior or wet area use. See applications for Metacalk 835+ for exterior or wet conditions. Metacalk 950 is a general purpose fire stop sealant for electrical, plumbing, plastic pipe and telephone communication systems penetrations. Use in vertical and horizontal applications, and for bedding and sealing small voids, splices and gaps. Metacalk 950 is also an excellent fire rated acoustical sealant, and can be used around electrical outlets and non-vibrating construction joints. Use Metacalk 950 to prevent the spread of fire through fire rated gypsum wallboard partitions, concrete block or concrete walls and/or concrete or wood floors. Consult application data for specific aluminum alloys before using Metacalk 950 with aluminum pipe.

Characteristics | Features

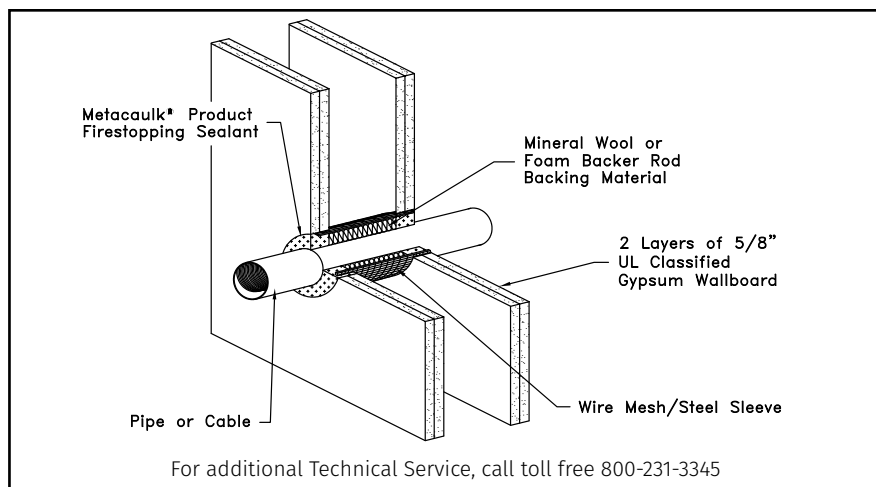
- Useful when installing in confined spaces or occupied areas
- Does not have Asbestos Fillers
- A single component penetration sealant system, no mixing necessary and no required additives
- An easy installation sealant with water clean up capabilities
- A general purpose and acoustical firestop sealant
- 2 Year shelf life

Packaging

Code	Size	Qty. per Case	Dimensions (in)	Cubic Feet
66643	10.3 oz cartridge	12	8x6x12	.34

Installation Data

Install Metacaulk 950 using standard caulking techniques. When damming material is needed, inexpensive cardboard or backer rod can be used. Prior to use, products should be brought to room temperature or 70°F (21°C) whichever is greater.



TYPICAL GYPSUM WALLBOARD INSTALLATION

Step 1 Cut opening in floor or wall.

Step 2 Clean penetration opening and surfaces of loose debris, dirt, oil and wax.

Step 3 Install wire mesh if required. Form wire mesh into cylinder to match hole diameter. Slip wire mesh inside wall along penetrating item and allow mesh to spring back against hole.

Step 4 Install backing material if required.

Step 5 Gun, trowel or pump the sealant as required to the specified depth. Trowel surface flush with wall.

Consult UL Online Certifications Directory for complete instructions and system listings.

Testing Data

Metacaulk 950 is classified by Underwriters Laboratories Inc. as a Fill, Void, or Cavity Material and is Listed by Warnock Hersey International, Inc. For specific test criteria, see UL Product iQ and Interek Directory of Building Products or call RectorSeal.

Metacaulk 950 was tested at a minimum 0.01 inches (2.5 Pa) water, positive pressure, in accordance with ASTM E 814 (UL 1479), ASTM E1966 (UL 2079), CAN/ULC S115 test standards. Tested to the time-temperature requirements of ASTM E119 (UL 263).

For complete list of UL systems see metacaulk.com



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.

Material Properties

Asbestos Fillers	None
Application	Caulking Gun,
Color	Beige
Cure Time	21 days
Density	15.3 lbs/gal 1.83 kg/ L
Elastomeric	No
Volatile Solvents	None

Volume Coverage:

for 10.3 oz. tube (304 ml) 18 cu. in.
(295 cc)

pH Value	10-13
Freezing Temperature	30°F/-1°C
Glass Transition Temperature	±2000°F/1093°C

Corrosion Cracking

NRC 1.36	Pass
Skin Over Time	2 min.
Tack Free Time TT-S-00230C	Pass

ASTM E 84, UL 723 Tunnel Test

Flame Spread	0
Smoke Index	10

Storage & Handling

Metacaulk 950 is not to be stored in areas where temperatures exceed 100°F (38°C) or drop below 35°F (2°C). If freezing occurs, thaw completely before use. Keep products stored under protective cover, in its original containers. Product has a shelf life of 2 years, subject to re-inspection thereafter. A stock rotation program is recommended.

Limitations

Metacaulk 950 cannot be used in areas where there is continuous vibration on the through-penetration opening, where wet conditions exist or may occur or where there are continuous temperatures above 120°F (49°C). Metacaulk 950 is not suitable for exterior or wet area use. Consult application data for specific aluminum alloys before using Metacaulk 950 with aluminum pipe.

Cautions

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

CONTAINS: Alkaline silicate and ceramic fibers. **PRECAUTIONS:** Do not take internally. May cause eye, skin, and respiratory tract irritation. Wear gloves and safety glasses. Wash after handling. **FIRST AID:** For any overexposure or if skin irritation develops, get immediate medical attention after first aid is given. **EYES**-Flush for 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-DO NOT INDUCE VOMITING. SPILLS**-Clean up immediately with scrapers and water. **STORAGE AND HANDLING**-Keep container upright and tightly closed. Do not reuse 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.



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