

METACAULK® 150+ General Purpose Firestop Sealant

Description

Metacaulk 150+ is a one component, general purpose fire rated sealant, acoustic sealant and smoke seal for construction joints and through-penetrations. Metacaulk 150+ is a water based, non-sag caulking grade sealant that is easy to apply as well as retrofit. It cures to an elastomeric seal that is suitable where dynamic movement is expected. In the event of a fire, Metacaulk 150+ will prevent the spread of flames, smoke, hot gases and water through joint openings and through-penetrations. No dilution or mixing is required for use. No special skills are necessary for installation. Metacaulk 150+ is applied with a conventional caulking gun, bulk loading gun or can be troweled from the pail. For large applications, it can be pumped directly from the pail. Metacaulk 150+ systems are rated for up to 4 hours in accordance with ASTM E814 (UL 1479) and ASTM E1966 (UL 2079) test standards. Metacaulk 150+ is protected in a wet stage as well as in a dry stage against mold growth with a combination of biocides.

Applications

Metacaulk 150+ can be used in interior applications as a general purpose fire rated sealant, acoustic sealant and smoke seal for construction joints on both vertical and horizontal surfaces. Metacaulk 150+ is also an excellent fire rated acoustical sealant and can be used in areas under constant vibration or movement. Metacaulk 150+ can also be used on various penetrations such as EMT, telephone & power cables in concrete floors and walls, gypsum walls as well as wood floors. Use Metacaulk 150+ to prevent the spread of fire and smoke through joints in fire rated gypsum wallboard partitions, concrete block or concrete walls and/or concrete or corrugated steel deck floor/ceiling assemblies.



Characteristics | Features

- Water based
- Excellent freeze-thaw
- Flexible set
- Paintable
- VOC compliant
- Safe and easy to use
- 3 Year shelf life
- STC rating 65

Packaging

| Code | Size | Qty. per Case | Dimensions (in) | Cubic Feet |
|-------------|-------------------|---------------|-----------------|------------|
| 66648 | 10.3 oz cartridge | 12 | 8x6x12 | .34 |
| 66385 | 20.2 oz foil pack | 12 | 9x14x7 | .51 |
| 66383 | 30 oz. cartridge | 12 | 11x9x17 | .97 |
| 66389 | 5 Gallon | 1 | 13 dia x14 | 1.08 |
| Gray | | | | |
| 66424 | 20.2 oz foil pack | 12 | 9x14x7 | .51 |
| 66425 | 5 gallon | 1 | 13 dia x 14 | 1.08 |

Installation Data

Install Metacaulk 150+ using standard caulking techniques or trowel from pails. Metacaulk MC 150+ may also be pumped from the pails. When damming materials are needed, use only materials approved for the specific application.

TYPICAL GYPSUM WALLBOARD INSTALLATION

Step 1 Cut opening in wall.

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

Step 3 If required, install sleeve and backing material.

Step 4 Gun the sealant as required to the specified depth. Trowel surface flush with wall.

Consult third part testing agency product listing directory for complete instructions and system listings.

Testing Data

For specific test criteria, refer to Intertek Directory and UL Product iQ or call RectorSeal.

Metacaulk 150+ was tested at positive pressure with a minimum 0.01 inches of water (2.5 Pa) and in accordance with ASTM E814 (UL 1479), ASTM E1966 (UL 2079). Tested to the time-temperature requirements of ASTM E119 (UL 263). L rating > 1 cfm cu.ft. Class 1 W-Rated.

Sound Transmission Class (STC) 65 - The test was performed in accordance with ASTM E90, Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements.



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

FBC™ System Compatible indicates that this product has been tested, and is monitored on an on-going basis, to assure its chemical compatibility with FlowGuard Gold®, BlazeMaster® and Corzan® piping systems and products made with TempRite® Technology.

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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 150+ should be stored between 35°F (2°C) and 120°F (49°C) to obtain a 3 year shelf life.

NOTE: Do not dilute, no mixing is required. Best if protected from freezing. If freezing occurs, thaw completely before using. Keep products stored under protective cover in original containers.

Material Properties

| | |
|---------------------------------|--------------------------------|
| Asbestos Fillers | None |
| Solvents | None |
| Hazardous Ingredients | None |
| Application | Caulking Gun or Trowel |
| Application Temperature between | 40°F - 120°F 4°C - 49°C |
| Color | Red / Gray |
| Cure Time | 3 to 4 weeks (at 77°F/25°C) |
| Density | 12.5 lbs/gal |
| Elastomeric | Yes |
| Freeze/Thaw | Excellent |
| Skin Over Time | 30 min. (at 77°F/25°C) |
| pH Value | 7 to 8 |

Volume Coverage:

| | |
|-------------------------|---------------------------|
| for 10.3 oz. tube | (304 ml) 18 cu. in. |
| for 20.2 oz. foil packs | (597 ml) 36 cu. in. |
| for 30 oz. tube | (887 ml) 54 cu. in. |
| for 5 gallon | (18.9 liter) 1155 cu. in. |

| | |
|-----|----------|
| VOC | < 10 g/l |
|-----|----------|

ASTM E84, UL 723 Tunnel Test

| | |
|--------------|----|
| Flame Spread | 10 |
| Smoke Index | 0 |

Limitations

Metacaulk 150+ is not designed to be used in areas under continuous immersion or in areas which would be continuously wet. Metacaulk 150+ should not be used against hot uninsulated surfaces above 300°F (149°C).

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

Precautionary Statements

Prevention: Wear protective gloves/protective clothing/eye protection/face protection. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. **Response:** If exposed or concerned: Call a POISON CENTER or doctor/physician. **Storage:** Store locked up. **Disposal:** Dispose of contents/container in accordance with local regulations. **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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