

# METACAULK 150+

FIRESTOP SEALANT

CERTIFICATION

TECHNICAL DATA



**UL LISTED**  
on all sizes



**FM APPROVED**  
on all sizes



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# METACAULK 150+

## FIRESTOP SEALANT

**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. No dilution or mixing is required for use.

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.



### KEY BENEFITS

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

### APPLICATIONS

- Interior applications - general purpose fire rated sealant, acoustic sealant and smoke seal for construction joints on both vertical and horizontal surfaces.
- Use on various penetrations such as EMT, telephone & power cables in concrete floors and walls, gypsum walls as well as wood floors.
- Areas under constant vibration or movement.
- 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.

### MATERIAL SPECIFICATIONS

**TABLE 1: MATERIAL SPECIFICATIONS OF METACAULK 150+**

ASBESTOS FILLERS	None
SOLVENTS	None
HAZARDOUS INGREDIENTS	None
APPLICATION	Caulking Gun or Towel
APPLICATION TEMP. BETWEEN	40°F – 120°F 4°C – 49°C
COLOR	Red
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

**METACAULK 150+**  
FIRESTOP SEALANT**MATERIAL SPECIFICATIONS****TABLE 2: VOLUME COVERAGE OF METACAULK 150+**

10.3 OZ TUBE	(304 mL) 18 cu. in.
20.2 OZ SAUSAGE	(597 mL) 36 cu.in.
5 GALLON	(18.9 L) 1155cu.in.
VOC	Negligible

**TABLE 3: ASTM E84, UL 723 TUNNEL TEST OF METACAULK 150+**

FLAME SPREAD	10
SMOKE INDEX	0

**INSTALLATION GUIDE**

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 or wire mesh and backing material.

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

Consult UL Product iQ for complete instructions and system listings.

**TESTING DATA**

For specific test criteria, refer to UL's Fire Resistance Directory or call Allfasteners. 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). 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 ongoing basis, to assure its chemical compatibility with FlowGuard Gold®, BlazeMaster® and Corzan® pipe and fittings.

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**INSPECTION & REPAIR**

Allfasteners 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, Allfasteners 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. Allfasteners 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.

**METACAULK 150+**  
FIRESTOP SEALANT**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.

**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).

**CAUTION**

**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, 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.**

**ORDERING INFORMATION**

**TABLE 4: ORDERING INFORMATION OF METACAULK 150+**

PART NUMBER	SIZE	QTY/BOX	QTY/CASE
12RS66648	10.3 oz Tube	1	12
12RS62385	20.2 oz Sausage	1	12
12RS66389	5 Gallon Tub	1	1