



## **BIOSTOP® 500+ INTUMESCENT FIRESTOP SEALANT**



- **UL CLASSIFIED SYSTEMS UP TO 4 HOURS**
- **MEETS ASTM E 814, UL 1479 & UL 2079 STANDARDS**
- **EXCELLENT FREEZE-THAW**
- **NON-SAGGING, NON-TOXIC, NO VOC's**
- **FLEXIBLE SET**
- **ECONOMICAL**
- **HIGHLY INTUMESCENT**
- **FOR INTERIOR USE –PAINTABLE**
- **AVAILABLE IN CARTRIDGES & PAILS**

Biostop® 500+ Intumescent Firestop Sealant is a water-based, flexible, highly intumescent sealant designed for use on metal, insulated and plastic pipes. It may be used for top of the wall construction joints, power and telephone cables, cable trays and bus ducts. Biostop® 500+ has passed UL 2079 for top of the wall applications with as little as 1/4 inch depth of caulk. The test assembly was also subjected to 500 cycles (as per ASTM E 1399) on a specially built machine that successfully demonstrated the product's durability and movement characteristics. STC 54\*. Complies to Required Environmental Exposure Testing of Accelerated Aging and High Humidity as per UL 1479 Fire Test of Through-Penetration Firestops.\*Tested in a UL 411 wall assembly/section to ASTM E90.

**SETTING THE STANDARDS BY WHICH OTHERS ARE JUDGED**



**DURMAST CO., LTD.**

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acoustical sealant and can be used in areas under constant vibration or movement. Use Biostop® 500+ 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.

#### 4. Installation Data

Install Biostop® 500+ using standard caulking techniques or trowel from pails. Biostop® 500+ may also be pumped from the pails. When damming materials are needed, use only materials approved for the specific application.

#### TYPICAL TOP OF WALL INSTALLATION

##### Step 1)

Tightly pack the flute openings and relief gap with fiberglass insulation. Recess insulation a minimum 1/4" from the wall surface.

##### Step 2)

Gun, trowel or pump the sealant as required to a minimum 1/4" depth. Properly tool sealant surface flush with the wall.

#### 5. Testing Data

Biostop® 500+ has been tested in accordance with UL 2079 and listed at Warnock Hersey International, Inc. For specific test criteria, refer to the UL's Fire Resistance Directory or Warnock Hersey International Listing Directory or call RECTORSEAL .

Biostop® 500+ was tested at positive pressure with a minimum 0.01 inches (2.5 Pa) water and in accordance with ASTM E814, (UL 1479) UL 2079 and CAN4-S115-M85.

#### 10. LIMITED WARRANTY

RectorSeal 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 . 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 shall not be liable for incidental or consequential damages.

Suggestions and recommendations covering the use of our products are based on our past experience and laboratory findings. However, as we have no control as to the methods and conditions of application, we only assume responsibility for the uniformity of our products within manufacturing tolerances.

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



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. FBC, FlowGuard Gold®, BlazeMaster® and Corzan® are licensed trademarks of Lubrizol Corporation.

#### 6. Storage & Handling

Biostop® 500+ should be stored between 35° and 120°F. to obtain a minimum 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.

#### 7. Availability

Biostop® 500+ is available in 10.3 oz. & 30 oz. caulking tubes, 20.2 oz. sausage packs and in 2 & 5 gallon pails.

#### 8. Limitations

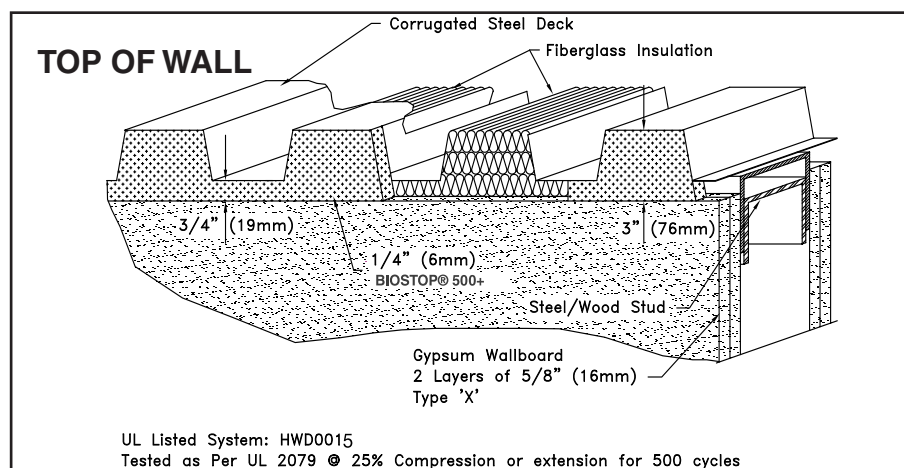
Biostop® 500+ is not designed to be used in areas under continuous immersion or in areas which would be continuously wet. Biostop® 500+ should not be used against hot uninsulated surfaces above 300° F.

#### 9. 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, 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 Material Safety Data Sheet.



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