BIOSTOP® FIRE-RATED PUTTY STICKS & PADS

- **EASY TO INSTALL/APPLIED BY HAND**
- **NO ASBESTOS FILLERS**
- **NO MIXING**
- **ADHERES TO ALL COMMON BUILDING SURFACES**

Putty sticks are used to seal around penetrating items through fire rated walls, floors and within blank openings. For use with electrical cables, conduit and metal pipes. Hand moldable with no curing time required. Reusable. Putty pads are used to maintain the hourly rating of fire rated walls containing electrical outlet boxes and to reduce sound transmission. Only one pad thickness (1/8) inch is required for a 1 or 2 hour fire rating. STC rating 60*.*Tested in a UL 411 wall assembly/section to ASTM E90.

SETTING THE STANDARDS BY WHICH OTHERS ARE JUDGED

DURMAST CO., LTD.
48 Moo 2, Soi Watsriprawat, Paduangsawat Rd., Salagrang, Bangkuay, Nonthaburi, Thailand 11130
Tel. (662) 490-4445-6 Fax. (662) 490-4447 www.durmast.co.th E-mail : durmastsales@gmail.com

PRODUCT DATA SHEET

Biostop® Fire Rated Putty and Putty Pads

Classified Through-Penetration FireStop System Numbers
For list of systems see www.biofireshield.com

1. Product Description

Biostop® Putty is a moldable non-curing one component fire-rated material for through-penetration firestop systems. Biostop® Putty will intumesce when heated, forming an insulating char. In the event of a fire, Biostop® Putty will prevent the spread of flames, smoke, gas and water through penetration openings. Biostop® Putty is applied by hand. Mixing is never required and no special skills are necessary for installation. Biostop® Putty is rated for up to 3 hours in accordance with the ASTM E 814, UL 1479 and ULC/CAN4-S115-M test standards.

Use Biostop® Fire Rated Putty for various penetrations:
Small Openings, EMT Pipe, Steel, Conduit, and Cabling, (Telephone, Power, Communications) and metal or non-metallic Electrical Boxes

Use Biostop® Fire Rated Putty Pads for:
Metal or non-metallic Outlet Boxes

Biostop® Putty Features

* Possesses intumescent properties; expands when exposed to fire.
* No Volatile Solvents, which makes it particularly useful when installing in confined spaces or occupied areas.
* Does not have Asbestos Fillers.
* A single component putty system; no mixing necessary and no required additives.
* D O T Classification is Not Regulated.
* Applied by hand.
* Easy to install.
* Adheres to all common building common surfaces.

2. Material Properties

Asbestos Fillers	None
Application	By hand
Color	Red
Cure Time	None
Specific Gravity	1.48g/cc

Activation of Intumescence:
Expansion Begins 220˚ F

ASTM E 84, UL 723 Tunnel Test

Flame Spread	5
Smoke Index	15

Putty pads

STC Rating	**60***

*Tested in a UL 411 wall assembly/section to ASTM E90

3. Applications

Use Biostop® Fire Rated Putty to seal around cable, electrical conduit and metal pipe to prevent passage of smoke, flame and toxic gases. Use Biostop® Fire Rated Putty Pads to protect metal electrical cabinets, outlet boxes and mechanical cabinets.

4. Installation Instructions

PUTTY:

Penetrating items should be firmly anchored. Clean opening of dust, dirt and oil. Refer to RectorSeal® application guide or current UL directory for selection of proper system design detailing depths of putty and backing material.

PUTTY PADS:

Remove liner from one side of pad (Step 1). Align with the

DURMAST CO., LTD.
48 Moo 2, Soi Watsriprawat, Paduangsawat Rd., Salagrang, Bangkuay, Nonthaburi, Thailand 11130
Tel. (662) 490-4445-6 Fax. (662) 490-4447 www.durmast.co.th E-mail : durmastsales@gmail.com

side of the box partially overlapping the stud and adhere. Work pad to the opposite side of the box and over the edges (Step 2). If wall membrane is in place, pack putty into gaps between box and gypsum board slightly overlapping inner wallboard surface. If membrane is to be installed after pad installation, overlap front edge of box so that putty will be compressed around edges of box as wallboard is installed. Cut slits in pad to fit around conduit or cables (Step 3). Press pad to surface of top, bottom, and sides of box (Step 4). Trim excess at corners and apply to conduit fittings connected to the box. Remove exposed liner. Optionally, putty may be packed into inside of conduit fittings to prevent passage of smoke. Only one putty pad thickness (1/8") is needed for a 1 or 2 hour rating.

5. Testing Data

Biostop® Fire Rated Putty is classified by Underwriters Laboratories, Inc. as a fill, void or cavity material. Biostop® Fire Rated Putty Pads are classified as a wall opening protective material. For specific test criteria see UL Fire Resistance Directory or call RECTORSEAL.

Biostop® Fire Rated Putty was tested at a minium 0.01 inch of water, positive pressure in accordance with UL 1479, ASTM E 814 and CAN4-S115-M.

6. Storage & Handling

Biostop® Fire Rated Putty is not to be stored in areas where the temperatures exceed 120˚F or drop below 0˚F. Best if protected from freezing. If freezing occurs, thaw completely before using. Keep products dry and stored under protective cover in their original containers. Products have a minimum shelf life of 2 years subject to re-inspection thereafter. A stock rotation program is recommended.

7. Availability

Moldable Fire Rated Putty available in 1 1/2 inches diameter by 10 inches long (18 cubic inches)
Moldable putty pads are 6 or 7 inches by 7 inches by 1/8 inch thick.

8. Limitations

Do not expose to water.

9. CAUTIONS

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

For additional information, refer to Material Safety Data Sheet

10. LIMITED WARRANTY

RectorSeal makes the Limited Express Warranty that at the date of delivery this product will be free from defects in RectorSeal materials and workmanship. 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.

DURMAST CO., LTD.
48 Moo 2, Soi Watsriprawat, Paduangsawat Rd., Salagrang, Bangkuay, Nonthaburi, Thailand 11130
Tel. (662) 490-4445-6 Fax. (662) 490-4447 www.durmast.co.th E-mail : durmastsales@gmail.com