

PRODUCT DATA SHEET

BIOSTOP® 500+ Firestopping Sealant

Classified Through-Penetration Firestop System Numbers CAJ-1204, CAJ-1262, CAJ-1264, CAJ-1330, CAJ-1328, CAJ-2127, CAJ-1321, CAJ-2128, CAJ-2129, CAJ-2130, CAJ-2131, CAJ-2156, CAJ-2179, CAJ-2183, CAJ-2246, CAJ-2248, CAJ-3103, CAJ-3104, CAJ-5006, CAJ-5016, CAJ-5081, CAJ-5082, CAJ-5083, CAJ-5086, CAJ-5135, CAJ-5137, CAJ-8051, CAJ-8026, CAJ-8009, CBJ-3003, CBJ-3004, CBJ-3005, CBJ-3006, WL-1103, WL-1100, WL-1103, WL-1109, WL-1115, WL-1119, WL-1105, WL-1107, WL-1117, WL-1121, WL-1160, WL-1116, WL-1178, WL-1180, WL-1182, WL-2202, WL-2210, WL-1200, WL-2133, WL-2136, WL-2193, WL-2191, WL-2239, WL-2105, WL-3093, WL-3156, WL-3095, WL-5062, WL-5058, WL-5060, WL-5076, WL-5085, WL-5093, WL-5128, WL-7036, WL-7037, WL-7037, WL-2105, WL-5062, WL-5058, WJ-1060, WJ-1080, WJ-1062, WJ-2040, WJ-2074, WJ-2064, WJ-2066, WJ-3027, WJ-5021, WJ-5017, WJ-5019, WJ-5030, WJ-5034, WJ-5040, WJ-5060, WJ-7015, WJ-7017, WJ-2026, WJ-1037, WJ-1039, WJ-1044, WJ-1046, WJ-3057, WJ-3059, FC-1031, FC-1033, FC-1056, FC-1064, FC-1066, FC-2059, FC-2060, FC-2061, FC-2062, FC-2068, FC-2070, FC-2079, FC-2131, FC-2133, FC-2149, FC-2151, FC-2191, FC-2193, FC-3052, FC-8016, FC-8016, FC-8016, FC-2078, FC-5021, FC-5023, TRC/PV 60-06, and TRC/PV 120-15 & HWD-0180, HDW-0015 & HWD0057



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1. Product Description

Biostop® 500+ is a one component, general purpose fire rated sealant and smoke seal for construction joints and around penetrations through fire rated walls and floors. Biostop® 500+ is a water based, extremely intumescent, non-sag caulking grade sealant that is easy to apply as well as to retrofit. It cures to an elastomeric seal that is suitable where dynamic movement is expected. In the event of a fire, Biostop® 500+ 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. Biostop® 500+ 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. Biostop® 500+ is rated for 1, 2, 3 and 4 hours and has been tested in accordance with the ASTM E814, (UL 1479), UL 2079 and ULC-S115-95 test standards. BIOSTOP® 500+ is protected in a wet stage as well as in a dry stage against mold growth with a combination of biocides.

Use Biostop® 500+ for various applications:

- Through Wall/Floor Penetrations
- Top of the Wall Construction Joints
- Deflection Track Wall Systems
- Wall to Floor Joints
- Floor to Wall Joints
- Concrete on Steel Deck to Wall
- 1, 2, 3 and 4 Hour Gypsum Walls
- Concrete and Concrete Block Walls (CMU)
- Up to 2" PVC/CPVC (open)
- Up to 3" PVC/CPVC/PBS (closed)
- Crosslinked Polyethylene (PEX) tubing
- Steel, Copper, Cast Iron and EMT Pipe
- Fiberglass Insulated Pipe
- AB/PVC Insulation Pipe

Telephone/Power Cables
Acoustical sealant

For a complete list of product applications or for additional technical information, call RECTORSEAL for the latest updated information.

Biostop® 500+ Features

- Water Based
- Excellent Freeze-Thaw
- Flexible Set
- Highly Intumescent
- Paintable
- VOC Compliant
- Safe and Easy to Use
- Minimum 3 Year Shelf Life

2. Material Properties

Asbestos Fillers None
Solvents None
Hazardous Ingredients None

Application Caulking
Gun or
Trowel

Activation of Intumescence:

Expansion Begins 375° F
Expansion Greatest 575° to 1100° F

Color Red

Cure Time 3 to 4 weeks
(at 77° F)

Density 10.4 +/- 0.3
lbs./gal.

Elastomeric Yes

Freeze-Thaw Excellent

Skin Over Time 30 min.
(at 77° F)

pH Value 6.5 to 7

Volume Coverage:
for 10.3 oz. tube 18 cu. in.
for 20.2 oz. 35.3 cu. in.
for 5 gallon 1155 cu. in.

VOC Negligible

ASTM E 84, UL 723 Tunnel Test

Flame Spread 5
Smoke Index 10

STC 62*

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

3. Applications

Biostop® 500+ can be used in interior applications as a general purpose fire rated sealant and smoke seal for construction joints on both vertical and horizontal surfaces. Also, for applications around penetrations through fire rated walls and floors. Biostop® 500+ is an excellent fire rated



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