**HR HoldRite**

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| Architect/Owner | |
| Contractor | |
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# HoldRite HydroFlame™ 50 Smoke & Acoustical Sealant
## Specification Sheet/Drawing

HoldRite HydroFlame™ 50 is a smoke and acoustic sealant used to seal around penetrations in NON-RATED horizontal or vertical construction assemblies. Works in conjunction with and compliments the HoldRite Silencer System. When properly installed, HydroFlame™ 50 will prevent the passage of cold smoke through a penetration opening of the non-rated assembly while also providing an excellent sound barrier by preventing the transfer of airborne sound and other vibrations from passing through.

## Product information:

• **Material Properties:** HydroFlame™ 50 does not contain any of the following: Asbestos fillers, hazardous ingredients or solvents. Application: Approximate 20-ounce caulking gun. Density: 10.5 +/- 0.5 lbs./gal (1.25 kg/L). Product color WHITE. Elastomeric and flexible. PH Value 6.5 - 7. Freeze/thaw -- exceptional. L Rating <1 cfm/sq. ft. (penetrations). VOC <10g/L. Class II and III movement capability +/-33% in accordance to ASTM E 1399. STC rating of 69. ASTM G21 mold resistant.

• **Application:** HydroFlame™ 50 is an acrylic-latex smoke and acoustic sealant designed for use with both vertical and horizontal through-penetrations in non-rated assemblies. HF50 can be used on a variety of metallic pipes and/or insulated pipes including cast iron, steel, steel conduits and copper as well as non-metallic combustible pipes. Compatible pipe materials include PVC, CPVC, ABS, PVDF PEX, and PP pipes. It will also seal around various cables/bundles and sheet metal ductwork.

• **Availability:** HydroFlame™ 50 is available in 20.2 oz. sausages only.

• **Limitations:** HydroFlame™ 50 should not be used in areas where it will be submerged in water or in continuously damp environments and is NOT designed for use in fire rated assemblies. It should not be installed in areas where surface temperatures are greater than 120°F (49°C).

• **Storage & Handling:** HydroFlame™ 50 Should be stored between 35˚F (2˚C) and 120˚F (49˚C) to obtain a 2-year shelf life, subject to inspection. NOTE: Do not dilute, no mixing is required. Keep from freezing. Keep products stored under protective cover in original containers.

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• **Testing Data:** HydroFlame™ 50 has been tested to meet the following ASTM standards: ASTM E84, ASTM E1399, and a modified UL 1479 and/or ASTM E814. Note: air leakage was tested at ambient room temperature. ASTM G21 Mold resistant. ASTM E84 (UL 723 Tunnel Test). Flame Spread = 5. Smoke Index = 0. STC rating at 69, (based on ASTM E90 testing on a U411 wall design). This product is Clean Air Gold certified.

• **Compatibility:** "FBC™ System Compatible indicates that these products has been tested, and is monitored on an ongoing basis, to assure its chemical compatibility with FlowGuard Gold®, BlazeMaster® and Corzan® piping systems and products made with TempRite® Technology." "The FBC Compatible Logo, FBC™, FlowGuard Gold®, BlazeMaster®, Corzan®, and TempRite® are trademarks of Lubrizol Advanced Materials Inc. or its affiliates."

• **Features:** Easily dispensed using a 20-ounce caulking gun. Provides a flexible paintable sealant once cured. Meets Leed criteria. Low VOC content. Easily cleans up with water. FBC™ System Compatible. This product is Clean Air Gold certified.

• **Installation Data:** Step 1: Create opening in substrate and install penetrating item(s) in accordance with local standards and building codes. Step 2: Thoroughly clean all wall or floor substrate and penetrant surfaces. Ensure surfaces are free from any dust, debris, wax, oil, moisture and other contaminates. Step 3: Install backing material if needed. Step 4: For maximum performance make sure sealant is at room temp and not below 40°F (4°C). Step 5: Install sealant within the annular space to the desired depth using an appropriate 20-ounce caulking gun dispenser. Determine bead size and cut the end of tip to the desired width. Install around penetrating item(s) flush to substrate surface. Step 6: Tool the sealant with a clean damp knife or trowel. Step 7: When finished, clean all tools promptly with water. Seal any unused material to prevent pre-mature curing in container.

• **Warranty:** HoldRite HydroFlame™ offers a limited 2-year warranty on all firestop products free from defects in material and workmanship. Please see HoldRite website www.holdrite.com for complete and official warranty information.

• For technical information please call (877) 700-4242 or visit our website (www.holdrite.com).



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