

**THERMO MFG.**

# THERMOFOAM

## FIREBLOCK FOAM SEALANT

### MULTIPURPOSE LOW PRESSURE ONE-COMPONENT FIREBLOCK POLYURETHANE FOAM SEALANT

**DESCRIPTION:** Low pressure, one-component, fireblock polyurethane foam sealant.

**PROPERTIES:** The pre-pressurized, portable OCF system, applied in a bead form, expands and cures slowly to a semi-rigid, closed cell foam upon reaction with moisture, such as humidity.

ThermOfoam Fireblock Sealant dries tack-free in approximately 5 minutes or less depending on moisture and temperature conditions. The foam fully cures within 24 hours. Expansion of 2-3 times the dispensed bead within the first hour should be expected. It is recommended to fill the cavity only 1/3 of the way full to allow for expansion. ThermOfoam Fireblock Sealant will adhere to itself if more foam need be applied.

**USE:** Optimum chemical temperature is between 65°F and 80°F (18°C – 27°C), but may be applied in cold or hot ambient conditions as long as the optimal chemical temperature range is maintained. Cured foam is dimensionally stable, and known to be resistant to temperature ranging between -200°F to +240°F (-129°C to +115°C).

**COMPATIBILITY:** ThermOfoam Fireblock Sealant is water resistant and will not harm electrical wire insulations, Romex®, rubber, PVC, polyethylene or other plastic (i.e. PEX CPVC). It is approved for use around wires, plumbing penetrations, etc, and contains no formaldehyde. When cured, polyurethane foam is permanent, chemically inert, non-reactive and stable for an indefinite period of time. Cured foam should be protected against UV rays (i.e. sunlight) by painting or staining to prevent long term discoloration or degradation.

**PERSONAL PROTECTIVE EQUIPMENT (PPE):** Use only in well ventilated areas. Wear protective glasses with side shields or goggles, nitrile gloves, and clothing that protects against dermal exposure when using. Read all instructions and safety information prior to use of any product.

**SPECIAL HANDLING:** The propellant is extremely flammable during dispensing and cure. Provide sufficient cross-ventilation to remove any buildup of vapors. Keep away from heat, sparks and sources of ignition.

**PRODUCT STORAGE:** Store in a dry area. Do not expose the product to open flame or temperatures above 120°F (49°C). Excessive heat can cause premature aging of components resulting in a shorter shelf life. ThermOfoam Fireblock Sealant is reusable by following product instructions.



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