

THERMOFOAM

FIREBLOCK FOAM SEALANT

Multi-purpose low pressure, one component fireblock polyurethane foam sealant

THERMOFOAM FIREBLOCK SEALANT is a low pressure, one component, polyurethane foam sealant specifically designed and colored orange to seal annular spaces around ducts, plumbing penetrations, cables, and other penetrations between rooms and floors. A critical advantage of THERMOFOAM FIREBLOCK SEALANT is its ease of use and its effectiveness at blocking smoke and toxic gases. The foam sealant stops air infiltration by blocking air from entering/escaping through gaps, which prevent the flames, smoke and gases from spreading. The product is for use in Type V residential construction. Fireblock Sealants are not intended for use in hourly rated assemblies.

Applications:

- Sealing duct penetrations
- Sealing electrical outlets
- Sealing baseplates
- Sealing plumbing penetrations
- Sealing electrical openings
- Sealing insulation board joints
- Type V residential fire blocking
- Sealing through stud penetrations

Properties: The pre-pressurized, portable OCF system, applied in 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 needs to be applied.

Uses: 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 temperatures 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/PVC). 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 shorter shelf life. Thermofoam Fireblock Sealant is reusable by following product instructions.



PRODUCT	ORDER #	DESCRIPTION	TUBES/CASE
THERMOFOAM	30033	12 oz. Fireblock Straw Foam	12
THERMOFOAM	30181	24 oz. Fireblock Gun Foam	12
STANDARD THERMOFOAM	30002	12 oz. Thermo Straw Foam	12



THERMO™

The Original Manufacturer of Thermopan

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