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Unique Putty is a non-hardening, intumescent compound designed to seal through-penetrations as well as certain membrane penetrations (med-gas valve box, tub & shower valve, clean-out tee) against the spread of fire, smoke and hot gasses. Unique Putty expands up five to times its original size when exposed to high temperatures or flames.

Requiring no tools, Unique Putty is soft and pliable making it easy to install by hand packing into openings. Its aggressive adhesion makes it suitable for use with all common construction materials as well as cable jacketing and pipes. Unique Putty remains soft and easy to reuse or retrofit.

PHYSICAL PROPERTIES	
Color	Red
Odor	None
Density	1.45 kg/L (12.08 lb/gal)
Solids Content	100%
Mold & Fungus Growth Rating (ASTM G21)	1
Volume Expansion	Greater than 500% (free expansion)
Expansion Begins	230°F (110°C)
In Service Temperature	10°F (-23°C) to 120°F (49°C)
Installation Temperature	Less than 100°F (38°C)
Storage Temperature	Less than 100°F (38°C)
STC Rating (ASTM E 90-04/ASTM C919)	62 (Relates to Specific Construction)
VOC*	0 g/L
Shelf Life	No Limit

*Per SCAQMD Rule 1168 (EPA Method 24)

Specifications

The firestopping putty shall be a one-part, two-stage intumescent, non-hardening compound. The putty, when exposed to high heat or flame shall be capable of expanding a minimum of five times. Range of continuing expansion shall be from 230°F to less than 1,000°F (110°C to less than 538°C). The putty shall be soft and pliable with aggressive adhesion and shall not contain any water-soluble intumescent ingredients. The putty shall be UL Certified and/or FM Systems Approved and tested to the requirements of ASTM E814 (UL1479), CAN/ULC-S115 and UL263 (ASTM E119, NFPA 251).

Specified Divisions

Division 7	07 84 13	Penetration Firestopping
Division26	26 00 00	Electrical
Division27	27 00 00	Communications

Features & Benefits
- Non-hardening = easy retrofit
- Endothermic fillers absorb heat & release water
- Highly adhesive formula - stays put, allows movement
- Soft & pliable for easy installation
- No water-soluble expansion ingredients means better water resistance
- Excellent sound attenuation properties
- Reduces noise transmission

Unique Putty

Performance

Putty have been tested to ASTM E814 (UL1479), CAN/ULC-S115 and to UL263 (ASTM E119, NFPA251) and are Certified for up to 2 hours as a Wall Opening Protective Material for use with both metallic and nonmetallic outlet or switch boxes installed in gypsum wallboard assemblies (steel and wood stud assemblies). Boxes protected with Putty Pads have been successfully tested with box spacing reduced to less than 16 in (406 mm).

Maintenance

Installations should be inspected periodically for subsequent damage. Any damage should be repaired.

Clean Up

Remove excess material from all contact surfaces immediately. Clean hands or skin using a waterless hand cleaner. When using water-emulsifiable soaps, apply soap and work over areas of skin contact prior to applying water.

Precautionary Information

Consult Safety Data Sheet for additional information on the safe handling and disposal of this material. Wash areas of skin contact with soap and water. Avoid contact with eyes. DO NOT APPLY TO EXPOSED ELECTRICAL CONDUCTORS.