

Technical Product Information

FIRE STOP

TLP FIRE STOP IS PROCESSED WITH:

ROXUL SAFE® Product is a non-combustible, light weight and water repellent semi-rigid insulation batt that provides fire stopping and acoustical insulation properties. Specifically engineered and produced as a fire stopping material for commercial, industrial and residential building, Roxul Safe can be used for the following applications:

- Perimeter gaps between concrete floor slabs and exterior wall systems
- Around conduit pipe and duct openings through walls and floor slabs
- · Between fire walls and ceiling slabs.

This product has excellent fire performance properties, such as high melt temperature and low thermal conductivity which means the insulation acts as a shield against fire and temperature. In addition, Roxul products are subject to very little shrinkage in the critical phase of a fire, so the insulation layers remain in place to better prohibit the spread of flame. Roxul Safe is intended to be used in conjunction with a fire sealant to prevent the passage of fire and smoke.

COMPLIANCE AND PERFORMANCE:

ROXUL® products are mineral wool fibre insulations made from basalt rock and slag. This combination results in a non-combustible product with a melting point of approximately 2150'F (1177'C), which gives it excellent fire resistance properties. ROXUL mineral wool is a water repellent yet vapor permeable material.

KEY APPLICATION QUALIFIERS:

- · Easily cut
- Non-combustible
- · Excellent sound absorbency
- \cdot Chemically inert
- ·Does not rot or sustain vermin
- \cdot Does not promote growth of fungi or mildew
- \cdot Low moisture sorption
- Water resistant
- · CFC & HCFC free product and process
- · Made from natural & recycled

CAN4-S115M	Standard Test Method of Fire Stop Systems	Complies
ASTM C 612	Mineral Fibre Block and Board Thermal Insulation	Type IVA, Complies
MEA Approval	New York City Approval	339-97-M
City Of Los Angeles Approval		RR 25444
UL Design Nos.	Consult UL Directory for numerous approved fire rated joint system, through penetration design and curtain wall design listings, or contact Roxul for further more information.	
FIRE PERFORMANCE:		
ASTM E 136	Behaviour of Materials @ 750'C(1382'F)	Non-Combustible
CAN4 S114	Test for Non-Combustibility	Non-Combustible

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DENSITY: ASTM C 612-00 Actual	4.5lbs/ft3 72kg/m3	
CORROSIVE RESISTANCE: ASTM C 665 ASTM C 795****	Corrosiveness to steel Stainless Steel Stress Corrosion Specifications as per Test Methods C871 and C692: U.S. Nuclear Regulatory Commision, Reg. Guide # 1.36: U.S. Military Specifications MIL-I-24244(all versions including B and C)	
MOISTURE RESISTANCE: ASTM C 1104	Moisture Sorption	0.04%
SMOULDER RESISTANCE: CAN/ULC-S129	Smoulder Resistance	0.01%
CAN/ULC S102	Surface Burning Characteristics	Smoke Developed = 0 Flame Spread = 0 Smoke Developed = 0
CAN4 S114 ASTM E 84(UL 723)	Test for Non-Combustibility Surface Burning Characteristics	Non-Combustible Flame Spread = 0