



## 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:

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
ASTM E 84(UL 723)	Surface Burning Characteristics	Flame Spread = 0
		Smoke Developed = 0
CAN/ULC S102	Surface Burning Characteristics	Flame Spread = 0
		Smoke Developed = 0

#### SMOULDER RESISTANCE:

CAN/ULC-S129	Smoulder Resistance	0.01%
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#### MOISTURE RESISTANCE:

ASTM C 1104	Moisture Sorption	0.04%
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#### CORROSIVE RESISTANCE:

ASTM C 665	Corrosiveness to steel
ASTM C 795****	Stainless Steel Stress Corrosion Specifications as per Test Methods C871 and C692: U.S. Nuclear Regulatory Commission, Reg. Guide # 1.36: U.S. Military Specifications MIL-I-24244(all versions including B and C)

#### DENSITY:

ASTM C 612-00 Actual	4.5lbs/ft3	72kg/m3
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