

PRODUCT SPECIFICATION SHEET

Product Name: 3M™ Fire Barrier IC 15WB Sealant

The firestopping sealant shall be a one-part, intumescent, latex elastomer. The sealant shall be capable of expanding a minimum of 2 times at 1000F. The material shall be thixotropic and be applicable to overhead, vertical and horizontal firestops. The sealant shall be listed by independent test agencies such as UL, FM or OPL and be tested to, and pass the criteria of, ASTM E 814 Fire Test, tested under positive pressure.

Ingredient		Percentage By Weight
Calcium Carbonate		30 - 60
Polymer		10 - 30
Water		10 - 30
ZINC BORATE		3 - 7
Sodium Silicate		3 - 7
Fiberglass		0.5 - 1.5
Typically Specified Divisions		
Division 7 07840		Thermal and Moisture Protection
Performance		
A. Typical Physical Properties		
Tack Free Time (ASTM C679-87):		8 to 12 minutes @73OF (23OC)
Expansion at 662O F (350OC):		2.0
Color:		Yellow
Density:		12.0 lb./gal. (1,43 kg/L)
Adhesion:		Very good on all construction substrates
Application:		Caulk guns, trowel, spatula, pressurized pumps
Durometer:		(hardness) Shore A: 70
Solids:		80% by weight
VOC:		0
Odor:		Pleasant non-irritating
Flow Rate:		2000 grams/min. from 1/4 in. (6,35 mm) nozzle at 50 psi
ASTM E 84: Flame Spread:		0
Smoke Development:		0
Boeing Flow (Sag Characteristics):		<2 in. (5,08 cm)

B. Firestopping Properties

Meets the criteria of ASTM E 814 Fire Test, tested under positive pressure. Consult current UL Fire Resistance Directory for systems listed under 3M Product Caulk. IC 15WB Caulk also meets ASTM E 84 (UL 723) and ASTM E 1966 (UL 2079).