

3M IC 15WB+ Fire Barrier Sealant

Category : Other Engineering Material

Material Notes:

3M Fire Barrier Sealant IC 15WB+ is a cost-effective, one-part, gun-grade, latex-based, intumescent firestop sealant that dries to form a monolithic firestop seal that also acts as a barrier to airborne sound transmission. It firestops through penetrations passing through fire-rated floor, floor/ceiling or wall assemblies, as well as other fire-rated interior building partitions and assemblies (eg static construction joints or blank openings). In addition, the unique intumescent property of this material allows this material to expand and help maintain a firestop penetration seal for up to 3 hrs as penetrants are exposed to fire. It bonds to most construction substrates, including: gypsum wallboard, concrete, metals, wood, plastic (including CPVC) and cable jacketing. No mixing is required. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-IC-15WB-Fire-Barrier-Sealant.php

Physical Properties	Metric	English	Comments
Volatile Organic Compounds (VOC) Content	<= 250 g/l	<= 250 g/l	VOC Less H2O and Exempt Solvents

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	70	70	ASTM D2240
Tensile Strength at Break	0.590 MPa	85.6 psi	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	50.0 °C	122 °F	Application; ASTM C1299
	82.0 °C	180 °F	Service
Minimum Service Temperature, Air	-28.0 °C	-18.4 °F	Service
	4.00 °C	39.2 °F	Application; ASTM C1299
Shrinkage	28 %	28 %	Volume; ASTM C1241

Processing Properties	Metric	English	Comments
Cure Time	10.0 min	0.167 hour	Tack free, RT @ 50%RH
	30.0 - 60.0 min	0.500 - 1.00 hour	Dry to touch, RT @ 50%RH
Shelf Life	>= 2.00 Month	>= 2.00 Month	

Descriptive Properties	Value	Comments
Appearance	Yellow	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China