PRODUCT SPECIFICATION SHEET

Product Name: 3M™ Fire Barrier CP 25WB+ Caulk

The firestopping caulk shall be a one-part, intumescent, latex elastomer. The caulk shall be capable of expanding a minimum of 3 times at 1000°F. The material shall be thixotropic and be applicable to overhead, vertical and horizontal firestops. The caulk shall be listed by independent test agencies such as UL or FM and be tested to, and pass the criteria of, ASTM E 814 Fire Test, tested under positive pressure. It shall comply with the requirements of the NEC (NFPA-70), BOCA, ICBO, SBCCI and NFPA Code #101.

Typically Specified Divisions	
Division 7 07270	Thermal and Moisture Protection Firestopping
Division 13 13900	Special Construction Fire Suppression and Supervisory Systems
Division 15 15250 15300	Mechanical Mechanical Insulation Fire Protection
Division 16 Electrical 16050	Electrical Basic Electrical Materials and Methods

Performance		
	Unit	**Value**
Tack Free Time (ASTM C679-87)	Minutes at 72°F (22°C)	10-15
Expansion at 662°F (350°C)	X	2.0-3.0
Color	–	Reddish Brown
Density	Lb./gal. (Kg/l)	11.2 (1,35)
Adhesion	All construction substrates	Very Good
Application	Method	Caulk guns, trowel, spatula pressurized pumps
Durometer (hardness)	Shore A	70
ASTM E 84 Flame Spread Smoke Development	 - -	 5 0
Solids	Percent (%) by weight	79
VOC	Percent (%) by weight	0
Odor	–	Pleasant, non-irritating
Flow Rate 1/4 in. (6,35 mm) nozzle at 50 psi	Grams/min/.	1000
Boeing Flow (Sag Characteristics)	Inches	0

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 CP 25WB+ Caulk.

Firestopping Code Requirements

ICBO UNIFORM BUILDING CODE (1997 EDITION)

702
DEFINITIONS

706
CONSTRUCTION JOINTS

708
WOOD FRAME CONSTRUCTION FIREBLOCKING

709
WALL & PARTITION PENETRATION PROTECTION

709.3.2.2
CURTAIN WALL GAP

710
FLOOR/CEILING OR ROOF/CEILING PENETRATION PROTECTION

711.3
SHAFT ALTERNATIVE

714
THROUGH-PENETRATION FIRESTOPS F&T REQUIREMENTS

UBC STANDARD 7-1
EQUIVALENT TO ASTM E 119

UBC STANDARD 7-5
EQUIVALENT TO ASTM E 814

SBCCI STANDARD BUILDING CODE (1997 EDITION)

104.2.4
PLANS MUST SHOW HOWINTEGRITY IS MAINTAINED FOR ASSEMBLIES PENETRATED

202
DEFINITIONS

705.3
WOOD FRAME CONSTRUCTION FIREBLOCKING

705.3.1.5
CURTAIN WALL GAP

705.4 (GENERAL)
PENETRATIONS OF FIRE RATED ASSEMBLIES

705.5 (WALLS)

705.6 (FLOORS)

705.7
FIRE RESISTANT JOINT SYSTEMS

BOCA BASIC/NATIONAL BUILDING CODE(1996 EDITION)

702.0
REVISED AND EXPANDED DEFINITIONS FOR PENETRATIONS AND JOINTS

703.1
CONSTRUCTION DOCUMENTS SHALL INDICATE DETAILS AND MATERIALS FOR PROVIDING RATINGS AT JOINTS AND PENETRATIONS

703.1.1
PENETRATIONS AND JOINTS SHALL NOT BE CONCEALED FROM VIEW BEFORE INSPECTION

703.2
BUILDINGS FOR MORE THAN TWO STORIES SHALL INDICATE ALL PENETRATIONS

704.1.1
SUFFICIENT DATA SHALL BE AVAILABLE TO JUSTIFY UNTESTED MATERIALS USED FOR RESTORATION OF FIRE RATINGS

707.0
FIRE WALLS AND PARTY WALLS

707.10
PENETRATIONS - REFERS TO 714

707.8
JOINTS - REFERS TO

709.7

709.0
FIRE SEPARATION ASSEMBLIES

709.6
PENETRATIONS - REFER TO 714

709.7
JOINTS

711.0
FIRE PARTITIONS

711.6
PENETRATIONS - REFERS TO 714

711.7
JOINTS - REFER TO 709.7

713.0
FLOOR/CEILING AND ROOF/CEILING ASSEMBLIES

713.2
CURTAIN WALL GAP

713.4
PENETRATIONS - REFERS TO 714

713.5
JOINTS - REFERS TO 709.7

714.0
PENETRATIONS - ALL REQUIREMENTS (GENERAL)

714.1 THROUGH 714.1.6.2
WALL ASSEMBLIES

714.2 THROUGH 714.2.6.5
FLOOR/CEILING AND ROOF/CEILING ASSEMBLIES

714.3 THROUGH 714.3.2
NONRATED ASSEMBLIES

721.0
FIREBLOCKING AND DRAFTSTOPPING

NFPA LIFE SAFETY CODE 101 (1997 EDITION)

6-2.3.2.4
PENETRATIONS AND MISC. OPENINGS&FIRE BARRIERS

6.2.4.2, EXCEPTION
5 OPENINGS (EXPANSION OR SEISMIC JOINTS) IN FLOORS

APPENDIX
A-6-2.4.2

6-3.6.1
PENETRATIONS AND MISC. OPENINGS IN FLOORS AND SMOKE BARRIERS

NFPA #221

FIRE WALLS AND

NFPA
Code 70 NEC
National Electric Code

300-21 FIRESTOPPING

CABO
One and Two Family Dwelling Code
(1995 Edition)

602.7
FIRESTOPPING
(FIREBLOCKING IN OTHER MODEL CODES)

FM APPROVED

OMEGA POINT LABORATORIES Listed OPL ID # 15731-1

CLASSIFIED C UL US

FILL, VOID OR CAVITY MATERIALS FOR USE IN THROUGH-PENETRATION FIRESTOP SYSTEMS.
SEE UL DIRECTORY OF PRODUCTS CERTIFIED FOR CANADA AND UL FIRE RESISTANCE DIRECTORY 50L6.