



Fire Barrier CP25WB+ Sealant

Product Data Sheet

Date: April 2018
Supersedes: New Version

Product Description

3M™ Fire Barrier CP 25WB+ Sealant is a high-performance, ready-to-use, gun-grade, latex-based, intumescent sealant that dries to form a monolithic fire stop seal which also acts as a barrier to airborne sound transmission.

3M™ Fire Barrier Sealant CP 25WB+ helps control the spread of fire, smoke and noxious gasses.

3M™ Fire Barrier Sealant CP 25WB+ exhibits excellent adhesion to a full range of construction substrates and penetrants. No mixing is required.

Key Features



- Re-enterable / repairable
- Meets UL 1479 aging requirements
- Helps minimize sound transfer*
- Applied with conventional caulking equipment (excellent caulk rate)
- Extensive listed systems
- Sag-resistant
- Excellent adhesion
- Paintable
- Water clean up

* Minimizes noise transfer — STC-Rating of 54 when tested in STC 54-rated wall assembly.

Applications

3M™ Fire Barrier Sealant CP 25WB+ is typically used in mechanical, electrical applications to firestop structural steel, conduit, power and communication cable, cable trays and busways

Evaluation & Certification

3M™ Fire Barrier Sealant CP 25WB+ shall be a one component, ready-to-use, gun-grade, latex-based, intumescent firestop sealant capable of expanding a minimum of three times its dried volume when exposed to temperatures above 538°C. The material shall be thixotropic and shall be applicable to overhead, vertical and horizontal firestops. The sealant shall be listed by independent test agencies such as UL, Intertek or FM

Physical Properties

Colour	Red
Application Temperature Range (ASTM C 1299)	4 ° to 50 °C
Service Temperature Range:	-28 ° to 82 °C
Sound Transmission Loss Test ASTM E 90 and ASTM E 413	54 when tested in STC 54 - rated wall assembly
Surface Burning ASTM E 84	Flame Spread 0 Smoke Development 0
Volume Shrinkage ASTM C 1241	25 %
VOC Less H ₂ O and Exempt Solvents: ASTM D2369 (EPA Method 24)	< 1g/L

Handling

Preparatory Work:

The surface of the opening and any penetrating items should be cleaned to allow for the proper adhesion of the 3M™ Fire Barrier Sealant CP 25WB+. Ensure that the surface of the substrates are not wet and are frost free. Sealant can be installed with a standard caulking gun, pneumatic pumping equipment or it can be easily applied with a putty knife or trowel.

Installation Details:

Install the applicable depth of backing material, if required, as detailed within the applicable UL, Intertek, FM or other third-party listed system.

Cut the end of the 3M™ Fire Barrier Sealant CP 25WB+ tube spout to achieve the desired bead width when applying. Install the applicable depth of 3M™ Fire Barrier Sealant CP 25WB+ into the opening flush with the surface of the substrate, or as detailed within the applicable listed system, at the depth for the assembly and rating that is required. Tool within five minutes. Clean all tools immediately after use with water.

Limitations:

Do not apply 3M™ Fire Barrier Sealant CP 25WB+ when surrounding temperature is less than 4 °C and in conditions where seals may be exposed to rain or water spray within 18 hours of application. Do not apply 3M™ Fire Barrier Sealant CP 25WB+ to building materials that bleed oil, plasticizers or solvent (e.g. impregnated wood, oil-based sealants, or green or partially vulcanized rubber). Do not apply 3M™ Fire Barrier Sealant CP 25WB+ to wet or frost-coated surfaces or to areas that are continuously damp or immersed in water.

NOTICE: This product is not acceptable for use with chlorinated polyvinylchloride (CPVC) pipes.

Shelf Life

Product packaged in cartridge or pail is enclosed in HDPE plastic containers, sausage is packaged in aluminium foil wrap.

3M™ Fire Barrier Sealant CP 25WB+ should be stored indoors in dry conditions between 4 °C and 32 °C in the original unopened package. Avoid repeated freeze / thaw exposures of the 3M™ Fire Barrier Sealant CP 25WB+ prior to installation.

3M™ Fire Barrier Sealant CP 25WB+ shelf life is 12 months in original unopened containers from date of packaging when stored above 20 °C.

Lot numbering (e.g. 8183AS): First digit = Last digit of year manufactured, second to fourth digit = Julian Date, Letters = Random to distinguish between lot numbers.

Maintenance

No maintenance should be required when installed in accordance with the applicable UL, Intertek, FM or other third-party listed system. Once installed, if any section of the 3M™ Fire Barrier Sealant CP 25WB+ is damaged, the following procedure will apply: remove and reinstall the damaged section in accordance with the applicable listed system, with a minimum 12.7mm overlap onto the adjacent material.

Precautionary Information

Refer to product label and Material Safety Data Sheet for health and safety information before using the product.

For information please contact your local 3M Office.

www.3M.com

For Additional Information

To request additional product information or to arrange for sales assistance, call 0330 0538936. Address correspondence to: IATD, 3M United Kingdom Plc, 3M House, 4th Floor, Building 8, Exchange Quay, Salford Quays, Manchester, M5 3EJ.

Important Notice

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Values presented have been determined by standard test methods and are average values not to be used for specification purposes. Our recommendations on the use of our products are based on tests believed to be reliable but we would ask that you conduct your own tests to determine their suitability for your applications. This is because 3M cannot accept any responsibility or liability direct or consequential for loss or damage caused as a result of our recommendations

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