

Fire Protection Sealant PYROSIT®

Installation Manual



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1 SAFETY WARNINGS!

This product is designed to be used by professional contractors familiar with the applicable federal, state, and local regulations and specifications concerning the installation of firestopping systems. Prior to handling this product, carefully read the safety data sheet and the following important health and safety warnings.

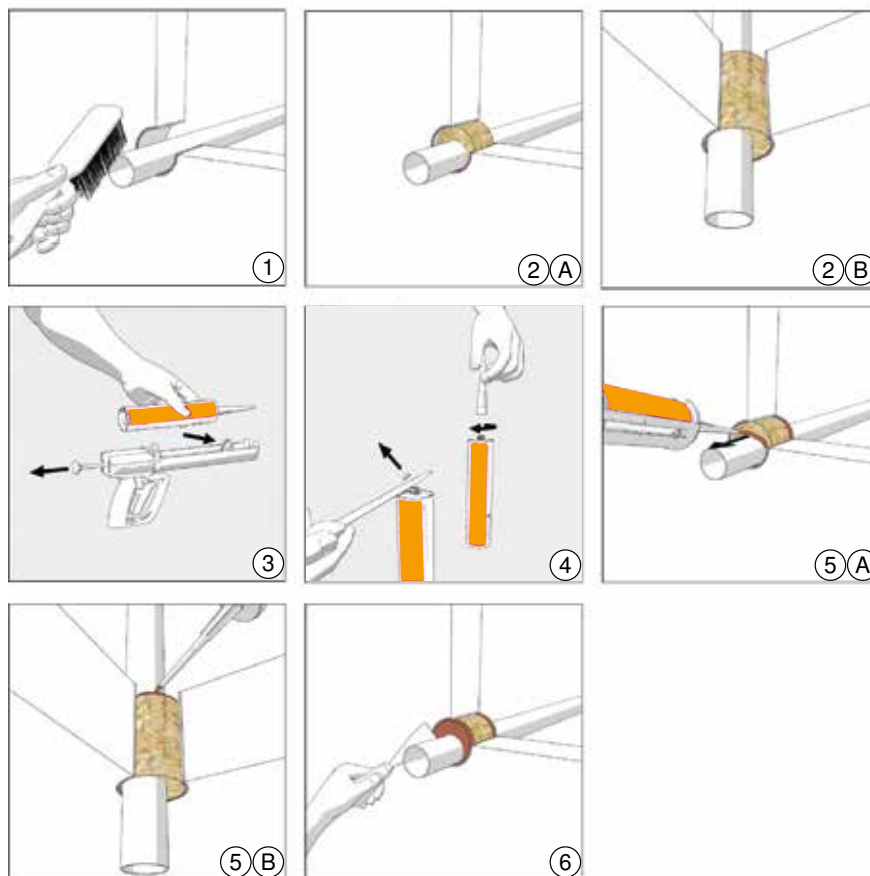
**PRODUCT FOR INDUSTRIAL OR PROFESSIONAL USE ONLY.
KEEP AWAY FROM CHILDREN.**

Always wear suitable protective clothing, protective gloves and eye protection. Wash thoroughly after handling. Do not eat drink or smoke when using this product. Do not use this product if cartridge is damaged. When cutting this product to appropriate size or creating new openings for retroactive installation, user may cut or otherwise hurt himself or herself. Therefore, use extreme caution when cutting or otherwise mechanically processing this product. In addition, when cutting or otherwise mechanically processing this product, small particles may be created that may cause irritation to the eyes and respiratory system. Therefore, be extremely careful to avoid direct contact, especially if working overhead. Uncured product may form droplets that may cause irritation to the eyes and respiratory system. Therefore, be extremely careful to avoid direct contact, especially if working overhead. If product comes into contact with eyes: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical attention. The ingredients in this product may form dangerous gases and vapors in case of fire. These include ammonia, phosphorous oxide, carbon monoxide and carbon dioxide. Seek medical attention if exposed.

2 Installation steps

The UL listed systems for Fire Protection Sealant PYROSIT® and the respective local and federal regulations are authoritative for execution of the through penetration firestop system. Wear suitable protective gloves, safety glasses and protective clothing for the work.



- ① Clean the component opening. Surfaces on which the Fire Protection Sealant PYROSIT® is applied should be free of dirt, oil, wax and grease.
- ② Backfill material, consisting of mineral wool, must be used. For secure installation use pre-cut mineral wool batt insulation (4 pcf/ 64 kg/m³) firmly packed into annulus as a permanent form. It must be ensured that the minimum fill depth of the Fire Protection Sealant PYROSIT® can be applied from both surfaces of wall (②(A)) or top surface of floor (②(B)).
- ③ Hold the cartridge cautiously, cut off the tip with a sharp knife, and screw on the nozzle. The nozzle can be shortened as needed.
- ④ Insert the cartridge into the intended dispensing gun.
- ⑤ Fire Protection Sealant PYROSIT® must be introduced uniformly into the opening from back to front (⑤(A)) or bottom to top (⑤(B)).
- ⑥ Smoothing can be executed with a moistened smoothing trowel or brush.

3 System components



| | Designation | Type | Art. no. | PU |
|---|-------------------------|--------|----------|----|
| ① | Fire Protection Sealant | FSU-M | 7203906 | 1 |
| ② | Identification plate | FSU-IP | 7203924 | 1 |

4 Accessories



| | Designation | Type | Art. no. | PU |
|---|--|-------|----------|----|
| ③ | Cartridge pistol, 1 component, hand-actuated | KVM-P | 2363019 | 1 |

5 Retroactive installation

- New penetrating elements can be routed through the existing cable penetration seal. Use a suitable cutting/drilling tool to make sufficiently large openings in the penetration seal. (In compliance with the necessary protective measures and safety regulations).

6 Supplemental requirements

The through penetration firestop system shall be permanently marked with an identification plate.

7 Product data Fire Protection Sealant

| | |
|---------------------------------|---|
| Description | Acrylic with halogen-free fire retardant additives, intumescent |
| Content | 10.48 fl. oz. Cartridge (310ml) |
| Transport/storage | 41 °F – 86 °F / 5 °C – 30 °C (dry, in original containers), KEEP FROM FREEZING! |
| Application temperature | 50 °F – 86 °F / 10 °C – 30 °C, recommended: 68 °F – 77 °F / 20 °C – 25 °C |
| Bulk density | 1300 kg/m ³ to 1450 kg/m ³ |
| Environmental conditions | Use in dry rooms and indoors with temperatures above 32 °F/0 °C (Exposure to the weather is applicable when an additional (silicone) coating is used) |

8 Important Notice to User

This installation guide is intended only to highlight general steps or methods for the application of Fire Protection Sealant PYROSIT® and is not intended to describe all details and requirements. System specifications should comply with federal, state and local regulations. Installer should confirm that the field conditions (such as opening size, pipe size and material, insulation type and thickness, and annular space) comply with the system specifications.

Technical Information:

The technical information, recommendations and other statements contained in this document are based upon tests or experience that OBO Bettermann believes are reliable, but OBO does not guarantee the accuracy or completeness of such information.

Product Use:

The use and performance of a OBO product in a particular application is affected by many factors beyond OBO's control and uniquely within user's knowledge and control. Given the variety of factors that can affect the use and performance, user is solely responsible for evaluating the product and determining whether it is fit for a particular purpose and suitable for user's method of application.

90 Day Limited Warranty and Limited Remedy: OBO warrants that each OBO product will be free from defects in material and workmanship for 90 days from the date of purchase from OBO's authorized distributor. OBO MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. If an OBO product does not conform to this warranty, the sole and exclusive remedy is, at OBO's option, replacement of the OBO product or refund of the purchase price.

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