

TECHNICAL PRODUCT BULLETIN

GENERAL DESCRIPTION

ALFA SM415 is two part solvent free polyurethane. It is a pourable sealer adhesive and sealant compatible with EPDM/PVC membranes. ALFA SM415 is designed to provide tough, flexible, water-proof, durable and long lasting seal around hard to fill penetrations in roofing systems. SM415 is designed for filling and sealing penetrations in pitch pockets on EPDM/PVC systems.

ADVANTAGES

- Fast curing after mixing
- Excellent U.V. resistance
- Hydrolytically stable
- Water Resistant
- Non-cracking
- Zero VOC's
- Excellent resistance to heat



APPLICATION

1. Mix Pre-measured pint can into gallon container.
2. Mix thoroughly with an electric drill and mixing blade for one minute.
3. Once mixed, pour immediately into the area to be filled.
4. Area to be filled should be dry to prevent foaming.
5. On hot days, pot life may be shortened considerably.

TYPICAL PROPERTIES

Base:	Polyurethane
Flammability:	Non-Flammable
Color:	Mixed: Black
Part A:	Black
Part B:	Amber
Solvents:	None
Specific Gravity gm/cc :	
Part A:	1.51
Part B:	1.24
Viscosity (cps):	40,000
Solids:	100%
Flash Point:	
Part A:	450°F
Part B:	390°F
Flexibility (SA):	45
Mix Ratio:	Premeasured one can of Part A to one can of Part B.
Workable Pot Life:	Approximately 30 minutes at 72°F(22°C) after mixing.
Cure Time:	Material begins to cure firmly 2 hours after mixing.
LEED INFORMATION:	
Recycle/Content:	
Post-Consumer:	0%
Post- Industries:	0%
VOC Content:	0 gm/l

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The information given and the recommendations made herein are based on our research and are believed to be accurate but no guarantee of their accuracy is made. In every case we urge and recommend that purchasers before using any product in full scale production make their own tests to determine to their own satisfaction whether the product is of acceptable quality and is suitable for their particular purposes under their own operation conditions. No representative of ours has any authority to waive or change the foregoing provisions but, subject to such provisions, our engineers are available to assist purchasers in adapting our products to their needs and to the circumstances prevailing in their business. Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute a permission, inducement or recommendation to practice any invention governed by any patent, without the authority from the owner of this patent. We also expect purchasers to use our products in accordance with the guiding principles of the Chemical Manufacturers Association's Responsible Care® program.



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SUGGESTED USES:

Pitch pocket filling and sealing.

COVERAGE RATE:

One Gallon of SM415 Pourable Sealer contains 231 cubic inches (3,758 cc) for filling Pourable Sealer pockets (200 cubic inches [3,275 cc]). One gallon of Pourable Sealer will cover 19' (5.8 m) of cold tie-in 6" (150mm) wide on a smooth surface. (This coverage will vary according to the roughness of the built-up roof surface.)

STORAGE:

1. Store in unopened original containers at temperatures between 60°F (15.6°C) and 80°F (26.7°C) until ready to use.
2. When exposed to lower temperatures, restore to room temperature prior to use.

PRECAUTIONS

SM415 Pourable Sealer contains ingredients that could be harmful if mishandled. Avoid contact with skin, disposable gloves are recommended when mixing and dispensing SM415. Contact with eyes should be avoided and necessary protective equipment and clothing should be worn. The Material safety data sheet (MSDS) contains health and safety information for your development of appropriate product handling procedures to protect your employees and customers. SM415 MSDS should be read and understood by all of your supervisory personnel and employees before using SM415 in your facilities. Use in well ventilated areas. Keep containers closed when not in use; keep out of reach of children. Avoid moisture contamination. Do not thin.