

Sika Sarnafil

World Class Roofing and Waterproofing

ROOFING TECHNICAL BULLETIN

#01-13

To: Authorized Roofing Applicators
Sika Sarnafil Sales Staff & Sales Representatives
Sika Sarnafil Regional Technical Staff
Sika Sarnafil Customer Service Staff
Sika Sarnafil Services Staff
Sika Sarnafil Marketing
Roofing Consultants

From: Sika Sarnafil Technical Service Department

Date: January 14, 2013

Subject: Sikaflex 1A Pourable Sealer Pocket Filler

Sikaflex-1A is a premium-grade, high-performance, moisture-cured, one-component polyurethane-based, non-sag elastomeric sealant. Typical applications include wall, curb and drain terminations. It is also used as a sealant at pipe penetrations and under certain metal flashings. Sikaflex 1A can now be used as a pourable sealer pocket filler. Sikaflex 1A is available in a Limestone (light grey) 10.1 oz (298mL) tube or in a White 20 oz (591mL) "uni-pac sausage".

Application: The recommended application temperature for Sikaflex-1a is between 40°F (4°C) and 100°F (38°C). For cold weather applications, condition cartridges at approximately 70°F (21°C) and maintain that temperature until just prior to use. Do not apply over damp surfaces as this will affect adhesion and may lead to bubbling within the sealant. Clean all surfaces. Substrate must be sound, clean, dry, frost-free, and free of oil and grease. If rust is present on the penetration it must be wire brushed down to clean metal. Wherever the Sikaflex 1A will come into contact with PVC membrane, the PVC will need to be solvent wiped and primed with Sarnacol 2170. This includes the walls of the pourable sealer pocket and the membrane around the penetration below the pocket. Sikaflex 1A is dispensed into the pourable sealer pocket and tooled with a paint stirrer to work out any air and to insure the pocket is filled completely with no fillers added. Mound the Sikaflex 1A sufficiently to prevent water from ponding. There must be a minimum of one inch between the walls of the pocket and the penetration to allow the sealant to be worked into any gaps. Material skins over and becomes tack free in about 3-4 hours. Final cure is achieved in 4-7 days depending on thickness, temperature and humidity.

Store the material in a dry area between 40°F (4°C) and 95°F (35°C). Shelf life is 15 months.

Pourable sealer pockets are a maintenance item. As a prudent preventative measure, Sika Sarnafil recommends that the Owner or that the Owner's designated representative inspect pourable sealer pockets for damage at least twice a year and after each storm.

Sikaflex 1A can be used in conjunction with a Sika Sarnafil custom prefabricated pourable sealer pocket, available in various sizes, or a shop fabricated PVC clad metal pocket. Please contact your regional Sales representative for more information on ordering custom prefabricated pourable sealer pockets.



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