

PA-1021 PLASTIC CEMENT



Commercial Product Data Sheet

Product Description

PA-1021 Plastic Cement is a general purpose roof cement produced from refined asphalt and petroleum solvents with non-asbestos fibers added for reinforcement. PA-1021 is an all-weather grade plastic cement and is specifically formulated to be compatible with Siplast roofing membranes.

Product Uses

PA-1021 Plastic Cement is specially designed for use with guaranteed Siplast Roofing Systems as a mastic for setting all metal flanges and drain lead flashings and for making temporary repairs to the roofing membrane. PA-1021 can also be used as a flashing adhesive on flat or low slope applications, where slumping is not a concern. It is highly flexible, has a trowelling consistency, and may be applied with a trowel or putty knife to dry, clean surfaces.

PA-1021 Plastic Cement can be applied using a standard trowel. Applications over irregular or porous substrates may require an approximate total of 2 to 3 gallons per square. Coverage rate may vary depending on ambient temperature, surface conditions, and applicator.

Temperature Considerations and Limitations

In ambient temperatures below 40°F (4°C), materials should be stored in a warm environment in order to obtain the minimum desired material temperature of 70°F (21°C) at the point of application. Membrane materials should be stored in a warm place prior to application in order to facilitate proper installation and avoid wrinkling and buckling. Additionally, rolls may be unrolled and relaxed and/or precut.

Product Approvals

PA-1021 Plastic Cement meets or exceeds the requirements of ASTM D 4586 Type II for asbestos free, asphalt based roof cement.

PA-1021 Plastic Cement meets current regional VOC regulations.

VOC content: This product contains an average 177 g/l VOC.

COMMERCIAL PRODUCT INFORMATION

Unit: 5-Gallon Pail
4.7 gallons (17.8 liters) net content

Coverage

Smooth low absorptive substrates: 1¼ - 2 gal/sq (0.5 - 0.8 L/m²)
Irregular substrates: 2 - 3 gal/sq (0.8 - 1.2 L/m²)

Thickness @ 1¼ gal/sq: 20 mils (0.5 mm)
Thickness @ 3 gal/sq: 48 mils (1.2 mm)
wet film gauge wet film gauge

Coverage Weight

@ 1¼ gal/sq coverage: 16 lb/square (0.8 kg/m²)
@ 3 gal/sq coverage: 39 lb/square (1.9 kg/m²)
wet film weight wet film weight

Flash Point, Cleveland Open Cup: >102°F min. (39°C)

Recommended minimum adhesive temperature for application: 70°F (21°C).

Packaging: The pails are stacked three high on pallets and stretch wrapped.

Pallet: 45 in X 48 in (114 cm X 122 cm) wooden pallet.
Number Pails Per Pallet: 42
Number Pallets Per Truckload: 22
Weight Per Pail: 51 lb (23 kg)

Shipping Classification: White Label (combustible)

Storage and Handling: All containers of PA-1021 Plastic Cement should be stored upright on a clean, flat surface. Care should be taken that containers are not dropped and container seals are not broken prior to use. All containers should be stored in a dry place, out of direct exposure to the elements, and should be kept away from excessive heat, fire or open flames.

Current copies of all Siplast Commercial Product Data Sheets are posted on the Siplast Web site at www.Siplast.com.

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