

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 pre-cut.

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 max. 300 g/l VOC.

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

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/m ²)
Irregular substrates:	2 - 3 gal/sq	(0.8 - 1.2 L/m ²)

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/m ²)
@ 3 gal/sq coverage:	39 lb/square	(1.9 kg/m ²)
	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.