

DuraPlan™ Polyset Green

PRODUCT INFORMATION



OVERVIEW

DuraPlan Polyset Green is a speciality formulated adhesive for cold process APP roofing systems. It is a moisture cured polymer adhesive used to construct roofing systems on single or multiple plies of Bitec approved base sheets and cap sheets. These roofing systems result in a ultra low solvent, cold applied, multi-ply APP modified bitumen roof system with outstanding life span that is functional on slopes up to 3:12.

Unique Features:

- Ultra Low Solvent <25 g/L VOC's
- Very low odor
- Moisture Cured
- Can be used on slopes up to 3:12
- May be used as a flood coat

APPLICATION

In cool weather store all adhesive containers at 70°F (21°C) for 24 hours before use. The adhesive is to be applied at minimum application temperature of 50°F and rising. Cold adhesive will have a higher viscosity and increase the application rate above desired levels.

Cold process roofs should have a minimum slope of ¼" per ft. to prevent standing water.

Follow Bitec and NRCA recommendations for planning out the job.

Use a ¾" notched squeegee to spread the adhesive covering the entire substrate at a minimum application rate of 2-2.5 gal/100 sq ft. (0.82 - 1.02 L/m²). Uneven surfaces may require additional adhesive. Coverage rates are the same for base and cap plys.

Flood Coat: Sweep or blow away dirt, dust, and debris from the cap sheet. Pour the adhesive at a rate of 4-5 gal/100 sq ft. (1.63 - 2.0 L/m²). Immediately after coating broadcast 400 lbs/100 sq ft. (181 kg/9.29 m²) of gravel into the adhesive.

Technical Schedule	DuraPlan Polyset Green Membrane Adhesive
Non-Volatile (ASTM D 1475)	100%
Density @77°F (25°C) (ASTM D1475)	11.4 lbs/gal (1.36 g/m ²)
Viscosity @73.4°F (23°C) Brookfield Spindle T-E, 5 RPM	124,000 cPs
Flash Point (ASTM D93)	400°F (232°C)
Tack-Free Time @70°F (21°C)	4-6 hours
Shelf Life	12 Months
Packaging	5 gal pails (18.9L)

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Bitec
P.O. Box 497
No. 2 Industrial Park Dr, Morrilton, AR 72110
Phone 1-800-535-8597
Fax (501) 354-3019
www.bitec.com

