

81 Modified Bitumen Adhesive

DESCRIPTION:

Karnak #81 Modified Bitumen Adhesive is a PREMIUM COLD APPLIED, HIGH STRENGTH SBS POLYMER MODIFIED ASPHALT ADHESIVE, that provides excellent adhesion and elongation properties.

FEATURES, BENEFITS AND ADVANTAGES:

1. UL approved.
2. Eliminates the need for torches and kettles
3. Excellent cure.
4. Tough, flexible, adhesive and cohesive film.
5. Excellent water and weather resistance.
6. Excellent general adhesive.
7. Excellent lap cement.
8. Good U.V. resistance.
9. Easy to apply.
10. Elastomeric, moves with substrate.

USES:

Karnak #81 Brush-Grade is used to adhere SBS modified bitumen membranes, base and ply sheets. Karnak #81 Modified Bitumen Adhesive can also be utilized to adhere conventional BUR ply sheets or fully granulated cap sheets. Karnak #81 Trowel-Grade can be used to make repairs on existing modified applications and flashings on vertical surfaces, i.e. skylights, vents and pipes.

SURFACE PREPARATION:

All surfaces should be free from oil, grease, dirt and loose materials. All BUR surfaces should be patched and repaired with Karnak #19 Ultra Rubberized Flashing Cement and Karnak #31 Glass Membrane. Metal surfaces must have all rust and scales removed.

APPLICATION:

Apply Karnak #81 Modified Bitumen Adhesive Brush Grade at the rate of 1 to 2 gallons per 100 square feet on horizontal surfaces; irregular surfaces will require 2 gallons per 100 sq ft. On vertical surfaces apply #81 Modified Bitumen Adhesive Trowel Grade at 1/8" thickness (approx. 8 gallons per 100 sq. feet.) Karnak #81 Modified Bitumen Adhesive may be applied by squeegee, roller, brush or trowel. Allow an open time of 15-20 minutes before placing membrane into adhesive.

KARNAK

330 CENTRAL AVENUE, CLARK, NJ 07066
 732-388-0300 • 800-526-4236 • FAX: 732-388-9422
 WEB: <http://www.karnakcorp.com>



FM1015

81 Modified Bitumen Adhesive

COVERAGE RATE:

Apply Karnak #81 Modified Bitumen Adhesive Brush Grade at the rate of 1 gallon per 100 sq. ft. On porous or irregular surfaces, 2 gallons per 100 sq. ft. may be required. Karnak #81 Modified Bitumen Adhesive Trowel Grade should be applied at 1/8" thickness (approx. 8 gallons per 100 sq. feet.)

SPECIFICATIONS:

ASTM D-3019 Type III, ASTM D-3409

PHYSICAL PROPERTIES:

| | |
|---------------------------|-----------------------|
| Weight per Gallon: | 8.65 |
| Shear Strength: | 26 lbs./sq. in. |
| Peel Strength: | 13 lbs./lin. in. |
| Elongation: | 250% |
| Recovery: | 95% |
| Set Time: | 24 to 48 hours |
| Dry Time: | Approximately 30 days |
| Application Temperatures: | 40°F to 100°F |

CAUTION:

Do not use near open flame. Avoid breathing solvent fumes and prolonged contact with skin. Excessive application may create blistering. Application below 40°F may take longer to cure. Do not take internally. If swallowed, **do not induce vomiting**. Call a physician immediately. Keep out of reach of children. Keep container covered when not in use. **Do not thin**. Dispose of in an environmentally safe manner. Cover air intakes during application and while drying.

CARE OF TOOLS:

Equipment may be thoroughly cleaned after use with mineral sprits or Karna-Klean taking necessary precaution when handling combustible materials.

PACKAGING:

Available in 5 gallon pails and 55 gallon drums.

If further information is needed, contact Karnak Technical Services at 1-800-526-4236.

Please see page 222 for additional mold and safety information.

KARNAK

330 CENTRAL AVENUE, CLARK, NJ 07066
732-388-0300 • 800-526-4236 • FAX: 732-388-9422
WEB: <http://www.karnakcorp.com>

