

TECHNICAL PRODUCT DATA SHEET
801 ACRYLIC BASE COAT

PRODUCT DESCRIPTION

Product Use: Malarkey Roofing Products™ (Malarkey) 801 Acrylic Base Coat is designed as a 100% acrylic elastomeric coating for use over a variety of substrates including asphalt, single-ply and metal roofing. It has bleed-blocking properties which make it especially suited for going over asphalt surfaces. 801 provides an ideal primary/preparation coat before application of 802 Acrylic Finish Coat.

TECHNICAL DATA

Exceeds requirements of ASTM D 6083 for tensile strength, weatherability, elongation and wet adhesion. Intended to be used as a base coat before the installation of the 802 Acrylic Finish Coat. The 801 Acrylic Base Coat is tinted to aid in achieving complete coverage prior to the application of the white 802 Acrylic Finish Coat.

Tensile Strength (psi)	ASTM D2370	365
Initial Elongation, post weathering (%)		131%
Tear Resistance (lb/in)	ASTM D624	>100
1000 hr Accelerated Weathering	ASTM D4798	No Cracking or Checking
Reflectivity	ASTM C-523	>90%
Emissivity		.87
Cure Time (50% Relative Humidity, 70° F)		4 Hours
Full Cure (50% Relative Humidity, 70° F)		24-48 Hours
Application Temperatures		50° F and rising
Initial % Elongation @ 73°F	ASTM D2370	>450
Initial Flexibility @ 0°F	ASTM D522 B	Pass
Initial Tensile Strength @ 73°F	ASTM D2370	>350
Final % Elongation @ 73°F (1000 hr Accel Weathering)	ASTM D2370	>125
Final % Elongation @ 0°F (1000 hr Accel Weathering)	ASTM D2370	>40
Permeance	ASTM D1653	<5 Perms
Accelerated Weathering	ASTM D4798	No Cracking or Checking

APPLICATION PROCEDURE

Malarkey 801 Acrylic Base Coat may be applied by spray, brush, or roller. All surfaces must be clean, dry and free of dirt, grease, oil, or other contaminants that would interfere with proper adhesion. Apply at temperatures above 50 degrees F. Apply on clear warm sunny days when weather conditions permit drying before rain, dew or freezing temperatures. Cooler temperatures and high humidity retard cure.

Use Malarkey 801 base coat for the stripping and first coat. Apply one coat over all seams and joints and allow to cure for one hour or until dry. Then apply one uniform base coat over the entire surface, avoiding excessive rolling. Apply a full coat of Malarkey 802 Acrylic Finish Coat over the base coat. Allow at least 4 hours for drying between coats and 24-36 hours for full curing. Covers approximately 50-75 sq. ft. per gal. per coat depending on the surface. Do not apply to flat surfaces, poor drainage areas, or where ponding water will exist. Keep closed when not in use.

REGULATORY/ENVIRONMENTAL CHARACTERISTICS

Volatile Organic Compound	10 g/l max (.09 lbs/gal)
HMIS Rating:	H-O, F-O, R-O, PP-A
RCRA Hazardous Substances:	None
SARA Title III listing:	RQ Value 100 lbs.
Sec. 302 Extremely Hazardous Substances:	no
CERCLA Hazardous Substances:	no
Sec. 313 Toxic Chemicals:	no

TECHNICAL SERVICES

Malarkey Roofing has technical assistance available for all phases of Malarkey roof coverings and requirements. Contact your local representative and/or Malarkey office for details at 800-545-1191.

AVAILABILITY

Malarkey 801 Acrylic Base Coat is available throughout North America and Pacific Rim countries. Consult your nearest Malarkey source for additional information and availability.

Effective 12.07 | Supersedes all previously published data.

For most current version, go to www.MalarkeyRoofing.com