

TECHNICAL PRODUCT DATA SHEET
802 ACRYLIC FINISH COAT

PRODUCT DESCRIPTION

Product Use: Malarkey Roofing Products™ (Malarkey) 802 Acrylic Finish 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. 802 provides a barrier that reflects the sun's heat and UV rays, thereby reducing interior building temperatures and cooling costs.

TECHNICAL DATA

Exceeds requirements of ASTM D 6083 for tensile strength, weatherability, elongation and wet adhesion. Intended to be used as a finish coat after the installation of the 801 Base Coat. The 802 Acrylic Finish Coat is white in color to aid in proper coverage over the tinted 801 Base Coat. Malarkey 802 may also be used as the base coat. Malarkey 802 is listed with ENERGY STAR® and CRRC, and complies with CEC Title 24 requirements for emittance and reflectance.

Tensile Strength (psi)	ASTM D2370	365
Initial Elongation, post weathering (%)		131%
Tear Resistance (lbf/in)	ASTM D624	>100
1000 hr Accelerated Weathering	ASTM D4798	No Cracking or Checking
Reflectivity	ASTM C-523	>90% (CRRC)
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 802 Acrylic Finish 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. When using Malarkey 802 only, otherwise use Malarkey 801 base coat for the stripping and first coat, first, apply one coat over all seams and joints. Allow to cure for one hour or until dry, then apply two uniform coats over the entire surface, avoiding excessive rolling. Two full coats are needed for all applications. Allow at least 4 hours 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 Malarkey for details at (800) 545-1191 or (503) 283-1191; Weekdays 7:00 a.m. to 5:00 p.m. Pacific Time.

AVAILABILITY

Malarkey 802 Acrylic Finish Coat is available throughout North America and Pacific Rim countries. Visit www.MalarkeyRoofing.com for additional product information and availability.