



PRODUCT PROFILE

GENERIC DESCRIPTION Acrylic Emulsion

COMMON USAGE A durable, easy-to-use, water-based acrylic coating that offers long-wearing protection to a variety of substrates. Excellent as a topcoat or intermediate-coat on anti-corrosive steel coating systems or when applied to concrete and drywall. Easy to apply by brush, roller, and spray, this product's low odor and low VOC qualities make it versatile choice on architectural and industrial projects. **Note:** Application methods include "dry-fall" under certain conditions (see application).

COLORS Refer to Tnemec Color Guide.

FINISH Matte

COATING SYSTEM

PRIMERS **Steel:** Series 1, 27WB, 66, 66HS, L69, L69F, N69, N69F, 90E-92, 90-97, 90-98, 90G-1K97, 91-H₂O, 94-H₂O, 115, 135, 161, 161HS, 394.
CMU: 54, 130, 1254.
Drywall: Self-priming, 51, 151.
Concrete: Self-priming, 151, 1254.
Note: Certain colors may require multiple coats depending on method of application and finish coat color. Preceding coat should be in the same color family but noticeably different.

TOPCOATS Series 30, 1028 and 1029.

SURFACE PREPARATION

NEW CONCRETE & CMU Allow to cure for 28 days. Level protrusions and mortar spatter.

DRYWALL Sand joint compound smooth and feather edge.

PAINTED SURFACES Remove chalk and old paint not tightly bonded to the surface, patch cracks and spot prime bare areas. Dull glossy surfaces.

ALL SURFACES Must be clean, dry and free of oil, grease, sealers, form release agents and other contaminants.

TECHNICAL DATA

VOLUME SOLIDS 43.0 ± 2.0% †

RECOMMENDED DFT 2.0 to 3.0 mils (50 to 75 microns) per coat. **Note:** Number of coats and thickness requirements will vary with substrate, application method and exposure. Contact your Tnemec representative.

CURING TIME

Temperature	To Touch	To Handle	To Recoat
75°F (24°C)	45 minutes	1 1/2 hours	1 1/2 hours

Curing time varies with surface temperature, air movement, humidity and film thickness.
Water Tank Exteriors: Five days or more curing time required before filling with water.

VOLATILE ORGANIC COMPOUNDS **Unthinned:** 0.38 lbs/gallon (45 grams/litre)
Thinned 5%: 0.38 lbs/gallon (45 grams/litre) †

HAPS **Unthinned:** 0.01 lbs/gallon (1.4 grams/litre)
Thinned 5%: 0.01 lbs/gallon (1.4 grams/litre) †

THEORETICAL COVERAGE 690 mil sq ft/gal (16.9 m²/L at 25 microns). See APPLICATION for coverage rates. †

NUMBER OF COMPONENTS One

PACKAGING 55 gallon (208.2L) drums, 5 gallon (18.9L) pails and 1 gallon (3.79L) cans.

NET WEIGHT PER GALLON 11.79 ± 0.25 lbs (5.35 ± .11 kg) †

STORAGE TEMPERATURE Minimum 40°F (4°C) Maximum 110°F (43°C)

TEMPERATURE RESISTANCE (Dry) Continuous 170°F (77°C) Intermittent 200°F (93°C)

SHELF LIFE 12 months at recommended storage temperature.

FLASH POINT - SETA N/A

HEALTH & SAFETY Paint products contain chemical ingredients which are considered hazardous. Read container label warning and Material Safety Data Sheet for important health and safety information prior to the use of this product.
Keep out of the reach of children.

ENDURATONE® | SERIES 1026

APPLICATION

COVERAGE RATES

	Dry Mils (Microns)	Wet Mils (Microns)	Sq Ft/Gal (m ² /Gal)
Suggested	2.5 (65)	6.0 (150)	276 (25.6)
Minimum	2.0 (50)	5.0 (125)	345 (32.0)
Maximum	3.0 (75)	7.0 (180)	230 (21.4)

Allow for overspray and surface irregularities. Film thickness is rounded to the nearest 0.5 mil or 5 microns. Application of coating below minimum or above maximum recommended dry film thicknesses may adversely affect coating performance. †

MIXING

Stir to uniform consistency without creating air bubbles or foam. Avoid vigorous agitation, boxing or shaking.

THINNING

Use clean water. For air spray, airless spray, roller or brush, thin up to 5% or 6.4 oz (189 mL) per gallon.

APPLICATION EQUIPMENT

Air Spray

Gun	Fluid Tip	Air Cap	Air Hose ID	Mat'l Hose ID	Atomizing Pressure	Pot Pressure
DeVilbiss JGA	E ‡	704 or 765	5/16" or 3/8" (7.9 or 9.5 mm)	3/8" or 1/2" (9.5 or 12.7 mm)	60-80 psi (4.2-5.5 bar)	10-20 psi (0.7-1.4 bar)

(‡ Stainless Steel) Low temperatures or longer hoses require higher pot pressure.

Airless Spray

Tip Orifice	Atomizing Pressure	Mat'l Hose ID	Manifold Filter
0.015"-0.019" (380-485 microns)	2700-3300 psi (186-207 bar)	1/4" or 3/8" (6.4 or 9.5 mm)	60 mesh (250 microns)

Use appropriate tip/atomizing pressure for equipment, applicator technique and weather conditions.

Note: When using Series 90E-92 or 90-98 as a primer, apply a wet mist coat of Series 1026 and allow tiny bubbles to form. When bubbles disappear in 1 to 2 minutes, apply a full wet coat at specified mil thickness.

Roller: Use high quality synthetic woven nap covers. Short nap for smooth surfaces. Long nap for rough surfaces. Wash roller covers in water to remove paint build-up during application.

Brush: Use high quality nylon or synthetic bristle brushes. Wash brushes in water to remove paint build-up during application.

SURFACE TEMPERATURE

Minimum 50°F (10°C) Maximum 120°F (49°C)

The surface should be dry and at least 5°F (3°C) above the dew point.

CLEANUP

Flush and clean all equipment immediately after use with water.

CAUTION

Dry overspray can be wiped or washed from most surfaces. Satisfactory dry-fall performance depends upon height of work, weather conditions, equipment adjustment and proper thinning. Low temperature and high humidity are of particular concern. Test for each application as follows: Spray from 15 to 25 feet towards paint container. The material then should readily wipe off. **Note:** Heat can fuse-dry overspray to surfaces. Always clean dry overspray from hot surfaces before fusing occurs. Be aware that exterior surface temperatures can be higher than air temperature.

† Values may vary with color.

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