



PRODUCT PROFILE

GENERIC DESCRIPTION Waterborne Cementitious Acrylic
COMMON USAGE Exceptional filling capabilities for interior/exterior porous concrete and CMU. Seals and primes surface for application of a variety of high performance water- and solvent-based topcoats in moderately severe exposures.
COLORS 130-6602: Off-White
PERFORMANCE CRITERIA Extensive test data available. Contact your Tnemec representative for specific test results.

COATING SYSTEM

TOPCOATS Series 6, 66, L69, L69F, N69, N69F, V69, V69F, 84, 104, 113, 114, 151-1051, 156, 157, 158, 161, 180, 201, 270, 275, 280, 287, 1028, 1029

SURFACE PREPARATION

CONCRETE Allow new concrete to cure for 14 days. Abrasive blast referencing SSPC-SP13/NACE 6, ICRI CSP 2-4 Surface Preparation of Concrete and Tnemec's Envirofill Application Guide. Large voids, bugholes and other cavities should be filled with materials recommended by Tnemec Company, Inc.
CMU Allow mortar to cure for 14 days. Level protrusions and mortar spatter.
ALL SURFACES Must be clean, dry and free of oil, grease and other contaminants. Not recommended for previously-painted surfaces.

TECHNICAL DATA

VOLUME SOLIDS 68.0 ± 2.0% (mixed)

CURING TIME

Temperature	To Touch	To Recoat
75°F (24°C)	1/4 hour	18 hours

Recoat times are dependent on topcoat and environmental conditions. Curing time varies with surface temperature, air movement, humidity and film thickness.

VOLATILE ORGANIC COMPOUNDS

Unthinned: 0.59 lbs/gallon (71 grams/litre)
Thinned 5%: 0.59 lbs/gallon (71 grams/litre)

HAPS

Unthinned: 0.42 lbs/gal solids
Thinned 5%: 0.42 lbs/gal solids

THEORETICAL COVERAGE

1,091 mil sq ft/gal (26.8 m²/L at 25 microns).

NUMBER OF COMPONENTS

Three: Part A, Part B and Part C

PACKAGING

Large Kit — 6 gallon pail of liquid Part A, 3 1/2 gallon pail of powder Part B, and Part C packaged in a separate plastic bottle. Yields 5 gallons (18.9L).
 Small Kit — Individual plastic containers for each component; yields 1 gallon (3.79L).

NET WEIGHT PER GALLON

10.75 ± 0.25 lbs (4.88 ± .11 kg) (mixed)

STORAGE TEMPERATURE

Minimum 35°F (2°C) Maximum 110°F (43°C)

TEMPERATURE RESISTANCE

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

SHELF LIFE

24 months at recommended storage temperature.

FLASH POINT - SETA

N/A

HEALTH & SAFETY

This product contains 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.

APPLICATION

COVERAGE RATES

Dense CMU: From 85 to 115 sq ft/gal (7.9 to 10.7 m²/gal)
Porous CMU: From 60 to 80 sq ft/gal (5.6 to 7.4 m²/gal)

Allow for application losses due to surface irregularities and substrate porosity. Application below minimum or above maximum spreading rates may adversely affect coating performance. Maximum performance is obtained when the coating is applied to form a continuous, void-free film.

MIXING

Slowly pour Part C into Part A while under agitation. After these liquids are thoroughly blended, slowly sift in powder Part B. – **Do not reverse this procedure** – Use power mixer, keeping material under constant agitation while adding the powder. Mix until material is free of lumps and components are thoroughly blended. After mixing, material may thicken or gel if not agitated. Remixing will return material to fluid state. Do not use mixed material beyond pot life limits.

THINNING

Use clean water. For air spray, airless spray, roller or brush application, thin up to 10% or 3/4 pint (380 mL) per gallon if needed.

POT LIFE

8 hours at 77°F (25°C)

ENVIROFILL® | SERIES 130

APPLICATION EQUIPMENT

Note: For the smoothest achievable finish, follow all methods of application by using a rubber squeegee or foam/cork float to remove excess material.

Air Spray

Gun	Fluid Tip	Air Cap	Air Hose ID	Mat'l Hose ID	Atomizing Pressure	Pot Pressure
DeVilbiss JGA	D .086"	64	5/16" or 3/8" (7.9 or 9.5 mm)	3/8" or 1/2" (9.5 or 12.7 mm)	40-50 psi (2.8-3.4 bar)	20-30 psi (1.4-2.1 bar)

Low temperatures or longer hoses require higher pot pressure.

Airless Spray

Pump	Tip	Atomizing Pressure	Mat'l Hose ID
30 to 1 or larger WIWA 410 Min. 2.0 GPM rating	0.031" to 0.035" (785-890 microns) Reversible tip	2400-3000 psi (165-207 bar) minimum	3/8" (9.5 mm)

Use appropriate tip/atomizing pressure for equipment, applicator technique and weather conditions. Remove all filters. If pump pulsation (surging) occurs, equip pump with Graco Model 214-623 Surge Tank without filter or equivalent. Backroll material immediately after spray application to force material into voids and hairline cracks.

Roller: Use a synthetic woven nap cover; 1 inch to 1-1/2 inches (2.5 cm to 3.8 cm) is recommended for most porous block. Use shorter nap for smooth, dense surfaces.

Brush: Apply with a high quality nylon or synthetic bristle brush, work material into voids.

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.

Note: If environmental conditions dictate, such as high air or substrate temperatures or dry winds, the surface can be "pre-wet" or dampened with clean water prior to application. Do not overly saturate.

CLEANUP

Flush and clean all equipment immediately after use with warm water.

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