

Patriot's Pride 19 Low VOC

TECHNICAL DATA SHEET

DESCRIPTION

Patriot's Pride 19 Low VOC is a low VOC solvent-based 19% solids styrene-acrylic copolymer cure with added UV absorbers and halo-amine light stabilizers to prevent yellowing and increase the longevity of the film. Application of **Patriot's Pride 19 Low VOC** will protect and enhance decorative concrete surfaces and can be used to aid in the curing process of concrete.

USES

Patriot's Pride 19 Low VOC is formulated as a high solids solvent-based cure that meets ASTM C309 A for curing concrete.

FEATURES

- Clear
- Satin Finish
- Wet Look
- Film Forming
- Solvent-Based
- Low VOC
- Curing Aid
- Water repellent
- Breathable
- Non-yellowing
- Chemical Resistant
- Protects Surface
- Reduces Mold and Fungus Growth

SURFACE PREPARATION

Clean dirt, wax, grease, oil and other contaminants from the surface of concrete with a pressure washer. Be sure to remove any foreign coating unless previous coating is same or similar water-based cure. Make sure the surface is clean, dry and sound. Clean oily concrete with a cleaner/degreaser. Use a bristle brush for heavily oiled spots. If surface is slick, etch with an etcher. Rinse well with a pressure washer. Allow 24 hours to dry. Apply only when surface and air temperatures are above 50° F and below 90° F. Do not apply to excessively hot surfaces as rapid drying may cause streaking to form.

COVERAGE

Smooth Troweled:	300 ft ² per gallon
Textured or Stamped:	200 ft ² per gallon
Broom Swept:	200 ft ² per gallon
Exposed Aggregate:	100 ft ² per gallon

TECHNICAL

Meets ASTM C309
Meets AASHTO M 148
Water retention <0.55 kg/m²
19% Solids

PLACING

If applying to fresh concrete, wait until all bleed water has evaporated. For best results apply with a roller. Brush may be used where roller won't reach. Do not pour directly from can to concrete. Apply evenly from can or other metal container with appropriate roller. Use a long nap roller for exposed aggregate, a medium nap roller for textured surfaces and a short nap roller for smooth surfaces. Keep roller soaked by dipping on every stroke. Every few feet turn perpendicular to the first coat, and cross roll without re-dipping. Wait until the surface is tack-free before applying a second coat. The continual dipping with the first coat gives a heavy application and the cross-rolling allows for an even application. It may be sprayed using a solvent resistant sprayer. Keep sprayer no more than 8 inches from surface.

CLEANUP

Clean up immediately with aromatic solvent such as xylene.

DRY TIME

Foot traffic should be avoided for 4 hours. Vehicle traffic should be avoided for 48 hours. Cooler temperatures or increased humidity will slow the dry.

MAINTENANCE

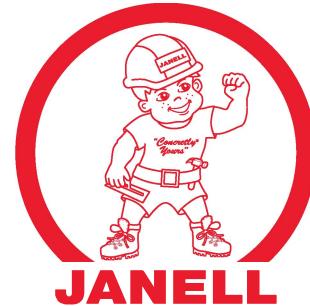
Clean surface with water only.

STORAGE

Recommended shelf life is one year.

SLIP RESISTANCE

For additional slip resistance, apply one coat. Mix grip additive and apply with second coat.



Cincinnati, OH: 513-489-9111 Dayton, OH: 937-866-9111
Norwood, OH: 513-651-9111 Columbus, OH: 614-224-9111
Erlanger, KY: 859-341-9111 Lexington, KY: 859-254-9111

Patriot's Pride 19 Low VOC

PHYSICAL PROPERTIES

Appearance	Clear Liquid
pH	None
Specific Gravity	.91 g/cc
Lbs/Gal	7.6
Min. Temp	50 degrees
Water Resistance	Excellent
Viscosity	75 centipoise
VOC	<350 g/L
Flash Point	40 degrees F
DOT	UN1263, Paint, 3, PG II

CURE TIME

Dry to Touch	2 hours
Recoat	2 hours
Foot Traffic	4 hours
Wheel Traffic	48 hours

CONTAINER SIZES

5 gallon (18.93 Liters)

HMIS

Health	2	Flammability	3
Reactivity	0	Protection	B

LIMITATIONS

Always test a small area for compatibility before proceeding.

Not recommended for clay brick, interior applications, natural stone, travertine, painted surfaces, tile, epoxy set stone, vertical surfaces, areas prone to drainage issues, or any surface not specifically recommended.

WARRANTY

Since Manufacturer has no control over handling, use or storage; no guarantee expressed or implied, is offered. The suitability of the product for use shall be solely up to the user. Manufacturer retains the right to venue.

WARNINGS

Danger: Highly flammable liquid and vapor. May be harmful if swallowed. May be harmful in contact with skin. Causes eye irritation. Harmful if inhaled. May cause respiratory irritation. May cause drowsiness or dizziness. Suspected of causing cancer. May damage fertility or the unborn child. Toxic to aquatic life.

Precaution: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Keep container tightly closed. Do not breathe mist/vapors/spray. Wash skin thoroughly after handling. Use only outdoors or in a well-ventilated area. Use personal protective equipment as required. **KEEP OUT OF REACH OF CHILDREN.**

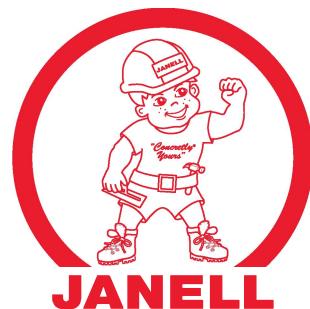
FIRST AID

IF SWALLOWED: Do NOT induce vomiting. Immediately call a poison center or doctor/physician. **IF ON SKIN (or hair):** Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. **IF INHALED:** Remove person to fresh air and keep at rest in a position comfortable for breathing. Call poison center or doctor/physician. **IF IN EYE:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. In case of fire use dry sand, dry chemical, or alcohol-resistant foam for extinguishing.

MANUFACTURER/TECHNICAL SERVICE

Exclusively manufactured for Janell Inc. by **CLEMONS CONCRETE COATINGS**

Contact your Janell representative for the most current product information. Always read and follow the warnings and instructions on the most current technical data sheets.



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