



Advanced Polymer Technology
APT Worldwide - Always 'APT'

Laykold®

Acrylic Resurfacer

1. General Description

Laykold Acrylic Resurfacer is a highly concentrated, 100% acrylic-based emulsion blended with selected fibers and fillers. Acrylic Resurfacer is environmentally safe and does not contain asbestos, lead, or Mercury. Laykold Acrylic Resurfacer is designed to be mixed with silica sand and water to create an acrylic filler coat/resurfacer for use on new or existing asphalt and concrete substrates.

Basic Uses: Laykold Acrylic Resurfacer is used to prepare asphalt and concrete surfaces for the application of Laykold cushion and/or color coats.

Colors: Black or Neutral

2. Safety Guidelines

Always wear the recommended personal protective equipment. Avoid contact with eyes, skin, and clothing.

3. Storage and Packaging

Laykold Acrylic Resurfacer should be kept out of direct sunlight and stored in a cool, dry building. Storage temperature should be between 4°C (40°F) and 32°C (90°F).

Packaging: 55 gallon drum (260 kgs/drum) or 30 gallon plastic drum (142 kgs/drum).

4. Coverage

Laykold Acrylic Resurfacer coverage is approximately .05-.07 gals/yd² (0.29-0.40 kgs/m²) (129 – 180 ft²/gal) per application of undiluted material. Coverage varies depending on pavement porosity and size/amount of silica sand added.

5. Installation Guidelines

Previously acrylic coated surfaces must be clean, dry, properly prepared, and have good adhesion to the substrate before application of Laykold surfacing system.

Features and Benefits

- ✓ Environmentally safe
- ✓ Highly concentrated formulation provides superior yield
- ✓ Holds sand in suspension longer
- ✓ Excellent for smoothing new or existing asphalt & concrete substrates
- ✓ Available in Black or Neutral colors





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New asphalt pavements should be allowed to cure a minimum of 30 days, be clean, dry and properly prepared before application of Laykold surfacing system.

Existing smooth finished concrete requires shot-blasting or sandblasting to produce a moderately textured surface. The surface must be clean, dry, sound, free of all bond-inhibiting contaminants (no curing agents), properly prepared, and primed with the appropriate Laykold primer before application of Laykold surfacing system.

New concrete substrates shall be medium broom finished, NO CURING AGENTS used, and allowed a 30 day minimum cure time. The surface must be clean, dry, sound, free of all bond-inhibiting contaminants, properly prepared, and primed with the appropriate Laykold primer before application of Laykold surfacing system.

Once patching is complete, 1-2 applications of Laykold Acrylic Resurfacer as needed or specified shall be applied to the surface.

When adding water and silica sand, the Laykold Acrylic Resurfacer must be mixed thoroughly until the material is consistent. Do not incorporate air bubbles into mixture.

The amount and size of silica sand may be varied to achieve the desired texture and filling properties. Use of larger sands increases coating thickness and reduces product yield.

The batch mix shall be applied using a 70 Durometer flexible rubber squeegee with a 24" to 36" blade width. The application shall have a uniform appearance and be free of ridges and tool marks. If more than 1 application is required, allow the previous coat to dry, scrape off minor imperfections, and clean the surface before proceeding additional coats.

Laykold Acrylic Resurfacer Mixture
55 gallons of Acrylic Resurfacer
600-900 lbs. of #60-#80 mesh silica sand
30-40 gallons of clean water





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6. Limitations

- Do not apply when surface temperature is below 50°F (10°C) or exceeds 130°F (54°C).
- Apply only when ambient temperature is 50°F (10°C) and rising.
- Do not apply when rain is imminent.
- Do not allow to freeze.
- Do not over dilute with water or overload with sand.
- Only mix with potable water and clean sands free of clay, silt and other foreign materials.
- Do not apply over tar emulsions sealers.
- Allow adequate cure time for new asphalt and concrete substrates. A 30-day minimum cure time is recommended.
- Laykold surfacing systems/products WILL NOT prevent pavement cracks from occurring or reoccurring.

7. Technical Data

Results based on temperature of 77°F and 50% Humidity

VOC		32 g/L*
Density		1.26-1.30 g/cm ³
Viscosity		43,000-53,000 cPs
Tensile Strength		Avg. 0.75 N/mm ²
Elongation		2.5 %

*based on standard formula calculation

Above figures are guide values and should not be used as a base for specifications.

Consult the Material Safety Data Sheet / Safety Data Sheet for more details.

For complete and latest warranty and product information, please visit www.advpolytech.com

