

# Acrylic Resurfacer



## General Description

Laykold Acrylic Resurfacer is a highly concentrated, 100% acrylicbased emulsion blended with selected fibers and fillers. Laykold 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 and existing asphalt and concrete substrates.

Basic Use: Laykold Acrylic Resurfacer is used to prepare asphalt and concrete surfaces for the application of Laykold Cushion and/or Laykold Colorcoats.

Colors: Black or Neutral

## Safety Guidelines

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

## Storage and Packaging

Laykold Acrylic Resurfacer should be kept dry, cool and in original packaging. Laykold Acrylic Resurfacer has a shelf life of 1 year.

Packaging: 55 gallon drum (260 kg/drum) or 30 gallon drum (142 kg/drum)

## Coverage

Laykold Acrylic Resurfacer coverage is approximately 0.05-0.07 gal/yd<sup>2</sup> (0.29-0.40 kg/m<sup>2</sup> or 129-180 ft<sup>2</sup>/gal) per application of undiluted material. Coverage varies depending on pavement porosity and size/amount of silica sand added.

## Installation Guidelines

Previously acrylic coated surfaces must be clean, dry, properly prepared, and have good adhesion to the substrate before application of the Laykold surfacing system. New asphalt pavements should be allowed to cure a minimum of 14-days.

Existing smooth finished concrete requires shot-blasting or sandblasting to produce a moderately textures 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.

## Features and Benefits

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



New concrete substrates shall be medium broom finish (CSP3). **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 (no curing agents), 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 the mixture. The amount and size of silica sand may be varied to achieve the desired texture and filling properties. Use of larger sands increase 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 to additional coats..

## Acrylic Resurfacer Mixture

55 gallon of Acrylic Resurfacer  
600-900 lb of 60-80 mesh silica sand  
30-40 gallon of clean water

## Limitations

- Minimum surface and application temperature: 10°C (50°F) and rising
- Maximum surface and application temperature: 54°C (130°F)
- 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 emulsion sealers
- Allow adequate cure time for new asphalt and concrete substrates. A minimum 30-days for concrete and 14-days for asphalt
- Laykold surfacing systems/products WILL NOT prevent pavement cracks from occurring or reoccurring.



**Technical Data**

Results based on temperature of 23°C (73°F) and 50% Humidity

VOC	32 g/L*
Density	1.26-1.30 g/cm <sup>3</sup>
Viscosity	43,000-53,000 cPs
Tensile Strength	Avg. 5.4 N/mm <sup>2</sup> (783 psi)
Elongation	Avg. 9.5%

\*Based on standard formula calculation

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

Consult the Safety Data Sheet (SDS) for more details

For complete and latest warranty and product information, please visit [www.advpolytech.com](http://www.advpolytech.com)

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