Laykold® ACRYLIC RESURFACER

TECHNICAL DATA SHEET

Features and Benefits

- ✓ Concentrated formulation for Superior yield
- ✓ Holds sand in suspension longer
- ✓ Environmentally safe
- ✓ Excellent for smoothing new or existing asphalt
- ✓ Available in black or neutral

1.0 General Description

Laykold Acrylic Resurfacer is a highly concentrated, 100% acrylic based 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 Advantage / Masters Colorcoats.

2.0 Safety Guidelines

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

3.0 Storage and Packaging

Laykold Acrylic Resurfacer should be kept dry, cool and in original packaging. Laykold Acrylic Resurfacer has a shelf life of 12 months.

Packaging: 245kg Drum
25 kg Pail

APT POWERED BY sportgroup

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4.0 Coverage

Laykold Acrylic Resurfacer coverage is approximately 0.29 - 0.40 kg/m2. Coverage varies depending on pavement porosity and size/amount of silica sand added.

5.0 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 30-days.

Existing smooth finished concrete requires shot-blasting or heavy acid etching 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.

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. The use of larger sands increases the coating thickness and reduces product yield.

The batch mix shall be applied using a soft rubber squeegee with a 600mm to 900mm blade width. The application shall have a uniform appearance and be free of ridges and tool marks. If more than one application is required, allow the previous coat to dry, scrape off minor imperfections, and clean the surface before proceeding to additional coats.

5.1 Mixing ratio

- 245 kg (65 gallons) of Acrylic Resurfacer
- 257 - 300 kg of 60 - 80 mesh silica sand
- 107 - 142 Liters (28-37 gallons) of clean water

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6.0 Limitations

- Do not apply if the ambient temperature is higher than 40 °C.
- Do not apply if the ambient temperature is lower than 15 degrees Celsius and falling.
- Maximum surface and application temperature: 54°C
- Do not apply when rain is imminent
- Do not apply in windy conditions
- Do not allow to freeze
- 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 21 days for asphalt
- Do not apply if the relative humidity is higher than 85%.
- Do not apply if it is about to rain or in windy conditions.
- Do not apply on damp or wet surfaces.
- Do not allow to freeze.
- Laykold surfacing systems/products WILL NOT prevent pavement cracks from occurring or reoccurring.

7.0 Technical Data

VOC Content*	22,000-28,000	cPs
Density	1.18 ±0.05	g/cm³
Viscosity	48,000 ±5,000	cps
pH	9.5	

*Based on Standard formula calculation

Above figures are guide values and should not be used as a base for specifications. Please consult the Safety Data Sheet (SDS) for more details.

8.0 Disclaimer

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