



Laykold®

Acrylic Basecoat

1. General Description

Laykold Acrylic Basecoat is a 100% acrylic-based emulsion blended with selected fibers and fillers to use for smoothing rough pavements. Laykold Acrylic Basecoat does not contain asbestos, Lead, or Mercury.

Basic Use: Laykold Acrylic Basecoat when combined with silica sand, Portland cement, and water is designed as an acrylic filler (resurfacer) coat for use over new or existing asphalt and properly prepared concrete surfaces. Its high filling properties make it especially suitable for resurfacing old, uneven asphalt surfaces.

2. Safety Guidelines

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

3. Storage and Packaging

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

Packaging: 55 gallon drum (275 kg/drum)

4. Coverage

Laykold Acrylic Basecoat coverage is approximately 0.05-0.07 gal/yd² (0.29-0.40 kg/m² or 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

Existing surface shall be clean, free from all dirt, dust, and foreign debris, and shall be dry. New asphalt should be allowed minimum 14-day curing period and new concrete should be allowed minimum 30-day curing period before applying any coatings. If Laykold Acrylic Basecoat is to be applied over concrete, please refer to the Laykold PU Primer (Qualipur 152) or Laykold Epoxy VTB (Qualipur 172) Technical Data Sheet (TDS).

Prior to application of any coatings, the entire area should be flooded with water and checked for depressions of 1/16" or greater. Depressions shall be leveled using Laykold Acrylic Basecoat. Due to the Portland cement and the design of the Laykold Acrylic Basecoat, Laykold Acrylic Basecoat will cure in depth.

Features and Benefits

- ✓ Environmentally safe – does not contain asbestos, Lead, or Mercury
- ✓ Highly concentrated formulation provides superior yield
- ✓ Excellent for smoothing rough asphalt and concrete substrates
- ✓ Suitable for old, uneven asphalt surfaces



Laykold Acrylic Basecoat may also be used to fill very minor depressions (1/8” or less) by mixing 1 part Laykold Acrylic Basecoat to 1 part 60-100 mesh silica sand. Only add a small amount of water, if necessary, to achieve workability.

Installation

Once patching is complete, 1-2 applications of Laykold Acrylic Basecoat shall be applied to the surface. When adding water, Portland cement, and silica sand, the Laykold Acrylic Basecoat must be then be mixed thoroughly until the material is consistent. The amount and size of the sand may be varied to achieve different textures and filling properties. Larger sand will have greater filling properties. It is highly recommended the court be sectioned off into 4 quadrants to ease in the application process. The batch mix shall be applied to the surface using a soft, rubber squeegee. The finished surface shall have a uniform appearance and be free of ridges and tool marks. If more than 1 application is applied, the 2nd application should be pulled at a 90° angle to the 1st application.

Acrylic Basecoat Mixture

- 10 gallon - Laykold Acrylic Basecoat
- 218 lb - 60-80 mesh silica sand
- 35 lb – Portland cement
- 5-7 gallon - clean water

6. 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 dilute with water or overload with sand
- Drying time of 2-4 hours depending on weather condition
- This product is not a crack repair system. It can be used to fill cracks, but cracks can/will return.

7. Technical Data

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

Density	1.30-1.40 g/cm ³
Viscosity	35,000-45,000 cPs

*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

