



Laykold®

NuSurf

1. General Description

Laykold NuSurf is a premium quality, highly flexible, 100% acrylic emulsion formulated and supplied as a concentrate. When batch mixed with silica sand and water NuSurf is an excellent acrylic filler coat with 800% greater elongation properties than standard acrylic resurfacer products. NuSurf can be used over new or existing asphalt and properly prepared concrete substrates. NuSurf is environmentally friendly and does not contain any Asbestos, Lead or Mercury.

Basic Uses: NuSurf is designed for smoothing new asphalt, properly prepared concrete, and previously coated substrates. NuSurf can also be used as an elastomeric crack filler.

2. Safety Guidelines

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

3. Storage and Packaging

Laykold NuSurf should be kept dry and cool. Storage temperature should be between 4°C (40°F) and 32°C (90°F). Laykold NuSurf has a shelf life of 1 year.

Packaging: 55 gallon drum (220 kgs/drum) or 30 gallon drum (120 kgs/drum).

4. Coverage

Approximate coverage rate for Laykold NuSurf is 0.05-0.07 gals/yd² (0.29-0.40kg/m²) (129-180ft²/gal) based on NuSurf batch mixture and the substrates surface texture.

5. Installation Guidelines

Existing surface shall be dry and clean, free from all dirt, dust and foreign debris. New asphalt and concrete should be allowed a 30-day curing period before applying any coatings. If NuSurf is to be applied over concrete, please refer to the Laykold Poly Primer technical data sheet. 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 Deep Patch (depression filler mix). Refer to individual technical data sheets for mixture and application details. NuSurf may also be used to fill

Features and Benefits

- ✓ Environmentally friendly
- ✓ High quality concentrate
- ✓ A highly flexible acrylic resurfacer
- ✓ Available as black or neutral
- ✓ Can be used as elastomeric crack filler
- ✓ Does not contain asbestos, Lead, or Mercury



very minor depressions (1/8" or less) by mixing 1 part of NuSurf to 1 part #60-#80 mesh silica sand. Only add a small amount of water, if necessary, to achieve workability. When adding water and/or silica sand, the NuSurf must then be mixed thoroughly until the material is consistent. The amount and size of sand may be varied to achieve different textures and filling properties.

The mixed product shall be applied to the surface using a soft, rubber squeegee. The finished application shall have a uniform appearance and be free of ridges and tool marks. If more than one application is necessary, the 2nd coat should be pulled at a 90° angle to the 1st.

NuSurf batch mixture for filler coat applications:

- 55 gallons of NuSurf
- 400-500 lbs. of #60 - #80 mesh silica sand
- 25 to 35 gallons of potable water

NuSurf batch mixture as crack filler:

- Equal parts NuSurf and silica sand

6. Limitations

- Minimum air and surface temperatures in a 24 hour period: 50°F (10°C).
- Maximum surface temperature 130° (54°C).
- Do not apply when rain is imminent.
- Do not allow to freeze.
- Do not over dilute with water.
- Drying time of 2-4 hours depending on weather conditions.
- Laykold surfacing systems/products **WILL NOT** prevent pavement cracks from occurring or reoccurring.

7. Technical Data

Results based on temperature of 77°F (25°C) and 50% Humidity

Viscosity	35,000-45,000 cPs
Tensile Strength	Avg. 0.94 N/mm ²
Elongation	24.7 %

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

