NuSurf G2

1. General Description

Laykold NuSurf G2 is a high grade, acrylic emulsion that is designed for three important functions: crack filling, resurfacing and crack bridging. NuSurf G2 can be used as a crack filling compound by adding silica sand. Silica Sand and water can be added to create a flexible filler coat acrylic resurfacer substitute. When only mixed with water, NuSurf G2 can be used as a highly effective crack bridging membrane for asphalt and concrete substrates prevent or correct mild to moderate surface cracks.

Laykold NuSurf G2 is designed to be part of the Laykold system or approved cushioned, free floating, and fabric crack repair systems.

NuSurf G2 does NOT contain any asbestos, Lead, or Mercury.

Features and Benefits

- ✓ Environmentally Friendly
- ✓ Ability to bridge mild to moderate surface cracks
- ✓ Highly flexible
- ✓ Versatile product with many uses
- ✓ Does not contain asbestos, Lead, or Mercury
- ✓ Excellent for loose lay fabric crack repair systems

2. Safety Guidelines

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

3. Storage and Packaging

Laykold NuSurf G2 should be kept in a cool, dry area in original container. Laykold NuSurf G2 has a shelf life of 1 year.

Packaging: 5 gallon pail (17 kg), 30 gallon drum (108 kg), and 55 gallon (200 kg)

4. Coverage

The consumption rate is approximately 0.07-0.09 gal/yd^2 (0.35-0.45 kg/m^2 or 190-210 ft^2/gal) for NuSurf G2 Membrane Mixture.

5. Installation Guidelines

Before application, the surface must be clean, dry, and free of oil, grease, and foreign residue. New asphalt should be allowed a 14-day curing period and concrete should be allowed a 30-day curing period before applying and coating.

Prior to application of any coating, the entire area should be flooded with water and checked for depressions of 1/16" or greater. Depressions shall be leveled using Deep Patch. Refer to individual Technical Data Sheet (TDS) for mixture and application details.

Crack Repair Mixture

NuSurf G2 may be used to fill very minor depressions (1/8" or less) by mixing 1 part NuSurf G2 to 1 part 60-80 mesh silica sand. Only add a small amount of water, if necessary, to achieve workability.

Resurfacer (Filler) Mixture

55 gallon NuSurf G2
400-500 lbs 60-80 mesh silica sand
12.5 gallon water

Membrane Mixture

55 gallon NuSurf G2
7.5 gallon water

When adding water and/or silica sand, NuSurf G2 must be mixed thoroughly until the material is consistent. The amount and size of sand may be varied to achieve different textures and silling properties.

The mixed product shall be applied to the surface using a soft, rubber squeegee. The finished application shall have 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.

6. Limitations

- Maximum surface temperature: 130°F (54°C)
- Minimum temperature: 50°F (10°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 in weather

7. Technical Data

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

Density	0.97 – 1.07 g/cm^3
Viscosity	7,000 – 17,000 cps
Tensile Strength	4.5 N/mm^2
Elongation	560%

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