NuSurf

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 and fabric crack repair systems

1. General Description

Laykold NuSurf G2 is a high grade, acrylic/SBR emulsion that is designed for three important functions. It 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 mixed with water only NuSurf G2 can be used as a highly effective crack bridging membrane for asphalt and concrete substrates to 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.

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 dry and cool.
Storage temperature should be between 4°C (40°F) and 32°C (90°F).

4. Coverage

The consumption rate is approximately 0.07-0.09 gal/yd2 (0.35-0.45 kg/m2 or 190-210 ft2/gal) for NuSurf G2 membrane batch mixture. Consumption rates vary with intended use of product (as crack filler, filler coat or membrane), type and condition of substrate.

5. Installation Guidelines

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

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. Refer to individual technical data sheet for mixture and application details.

Crack Repair Mixture

NuSurf G2 may also be used to fill very minor depressions (1/8" or less) by mixing 1 part of NuSurf G2 to 1 part #60-#100 mesh silica sand. Only add a small amount of water, if necessary, to achieve workability.

Filler Mixture

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

Membrane Mixture

- 55 gallons of NuSurf G2
- 7.5 gallon of water

When adding water and/or silica sand, the NuSurf G2 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.

6. Limitations

- Do not apply when surface temperature exceeds 130°F (54°C).
- Do not apply when temperatures are below 50°F (10°C) or 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.

7. Technical Data

Results based on temperature of 77°F and 50% Humidity

Density		0.97 – 1.07 g/cm^3
Viscosity		7000 – 17000 cps
Tensile Strength		4.5 N/mm^2
Elongation		560%

*based on Standard formula calculation

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