

Features and Benefits

- ✓ High filling capacity
- ✓ Flexible
- ✓ Perfect for a range of different classes of asphalt
- ✓ Easily adjustable

1.0 General Description

Laykold Asphalt Transformer is a polymeric emulsion blended with selected fibres and fillers to be used for smoothing rough pavements and repairing cracked asphalt surfaces. Asphalt Transformer does NOT contain any asbestos, Lead or Mercury.

Asphalt Transformer is designed to fill voids, level and resurface new or existing asphalt pavements. Do NOT apply Asphalt Transformer over concrete.

2.0 Safety Guidelines

Always wear the recommended personal protective equipment. Avoid contact with eyes, skin, and clothing. Refer to Safety Data Sheet (SDS) for more information.

3.0 Storage and Packaging

Laykold Asphalt Transformer should be kept dry and cool. Storage temperature should be between 8°C (46°F) and 32°C (90°F).

Packaging: 230kg/ Drum
20 kg Pail

4.0 Coverage

Laykold® ASPHALT TRANSFORMER

TECHNICAL DATA SHEET

Laykold Asphalt Transformer coverage is approximately 0.3-0.4 kg/m² (0.08–0.11 gals/yd²) per application of undiluted material.

Coverage may vary depending on pavement porosity and texture.

5.0 Installation Guidelines

5.1 Surface Preparation

Existing surface shall be clean, free from all dirt, dust and foreign debris, and shall be dry. New asphalt should be allowed a 30 day curing period before applying any coatings.

Prior to application of the material, the entire area shall be flooded with water and checked for depressions of 3mm (1/8") or greater.

Laykold Asphalt Transformer may be used to patch depressions of 6mm (1/4") or less. Material should be layered. When making a patch mix, do not add more than 1.8 kg (4 pounds) of sand per kg (gallon) of Asphalt Transformer. Add just enough water to make the material workable.

Depressions of 6mm (1/4") or greater shall be filled using Laykold Deep Patch. Refer to the Deep Patch technical data sheet for patch mix details.

5.1 Installation

Once patching is complete, one (1) application of Laykold Asphalt Transformer needs to be applied to the surface.

Add water to the Laykold Asphalt Transformer, then mix the material thoroughly until consistent. The amount and size of the sand can be varied to achieve different textures and filling properties.

For a very open or rough new asphalt pavement, an additional 22 kg (fifty pounds) of sand per 208 kg drum (55 gallon drum) may be incorporated into the mix. Under no circumstances should water dilution exceed 30%.

The mixed product 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.

5.3 Mixture

- 230 kg (61 gallons) of Asphalt Transformer
- 212-318 kg of dry Silica Sand (40-60 Mesh)
- 80-134 ltrs (21-35 gallons) of potable water

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6.0 Limitations

- Do not apply when temperatures are below 10°C (50°F) 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.
- Do not apply over concrete substrates.
- Store in a cool, dry environment.

7.0 Technical Data

VOC Content*	0	%
Density	1.15	g/cm ³
Viscosity	23,000±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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