

Laykold[®] ACRYLIC DEEP PATCH

TECHNICAL DATA SHEET

Features and Benefits

- ✓ Concentrated formulation for Superior yield
- ✓ Fast Drying
- ✓ Environmentally safe
- ✓ Does not contain asbestos, Lead or Mercury
- ✓ Improves Acrylic Adhesion

1.0 General Description

Acrylic Deep Patch is a high strength acrylic cement modifier. An advantage of using Acrylic Deep Patch is that it cures quickly making a hard, tough, and durable patch. Acrylic Deep Patch does not contain asbestos, lead, or Mercury.

Basic Uses: Acrylic Deep Patch is designed for mixing with Portland cement and sand. It can be used over new or existing asphalt or concrete recreational surfaces.

2.0 Safety Guidelines

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

3.0 Storage and Packaging

Acrylic Deep Patch should be kept dry and cool. Storage temperature should be between 4°C and 32°C

Packaging: 20 kg pail

4.0 Coverage

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4.1 For thin Patch 9.5mm or less

Premix 20 Kg dry 150 micron silica sand and 3.8 Kg of Portland cement. Add 10 L of Acrylic Deep Patch and mix thoroughly with mechanical mixer.

4.2 For Patch's 20mm or less

Premix 20 Kg dry 250 micron silica sand and 3.8 Kg of Portland cement. Add 10 L of Acrylic Deep Patch and mix thoroughly with mechanical mixer.

4.3 For Patches greater than 20mm

Patch in successive lifts, each no greater than 19mm. Follow the previous mixing instructions and leave the first coat in a rough condition to provide an additional mechanical bond. It is imperative that each coat is fully cured prior to application of the second coat.

5.0 Installation Guidelines

The surface upon which Acrylic Deep Patch is to be applied must be free of dirt, loose and flaking paint, vegetation, chemical, or oil residues or any other substances that might inhibit good adhesion. Mechanically roughening the area will aid in adhesion and should be done if the area is too smooth.

Do not mix more material that can be placed in 15 minutes. A trowel or straight edge should be used to apply material. Should the material become stiff while working, dip the tool in clean water for easier working. The edges of the patch should always be "feathered" so there is a smooth transition at the edge of the patch. Patches filled with Acrylic Deep Patch must be allowed to thoroughly cure prior to applying the next coating application. Cure time depends on the depth of the patch and may take up to 24 hours.

6.0 Limitations

- Do not apply if the ambient temperature is higher than 40 °C.
- Do not apply if the ambient temperature is lower than 15 degrees Celsius and falling.
- Do not apply if the relative humidity is higher than 85%.
- Do not apply if it is about to rain or in windy conditions.
- Do not apply on damp or wet surfaces.
- Do not allow to freeze.
- Do not over dilute with water.
- Minimum 4 hour to recoat, depending on weather condition.
- Drying time of 2 - 4 hours depending on weather conditions.
- Laykold surfacing systems/products WILL NOT prevent pavement cracks from occurring or reoccurring.

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7.0 Technical Data

VOC Content*	0	%
Density	1.06 ± 0.05	g/cm ³
Viscosity	120 ± 220	cps
pH	9.5 ± 1.0	
% Solids	46-48	%

*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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