

TECHNICAL DATA SHEET

DELTA PRIME LATEX PRIMER / SCREED ADDITIVE

PRODUCT DESCRIPTION

DELTA Prime LPA is a single component fast drying SBR latex primer that provides excellent high bonding and penetrating properties into concrete and masonry surfaces. In addition to its priming properties, DELTA Prime LPA can also be used as a waterproofing additive for cement based products to enhance adhesion, water resistance and compressive strength.

PRODUCT FEATURES

Solvent free, non-flammable and free of hazardous odours
Suitable for internal and external priming applications
Provides waterproofing additive properties

Primer

- Excellent adhesion over porous surfaces.
- Fast drying, enabling membrane application to be carried out after 20-30 minutes.
- Compatible with Delta membranes and general tile adhesives, renders, mortars and screeds
- Suitable for internal and external applications.

Bonding Agent additive

- Improved bond strength in areas subject to moisture, weather or immersion.
- Increases water resistance properties.
- Improved crack resistance and reduces the effects of efflorescence
- Extends service life.

TYPICAL APPLICATIONS

- Primer over porous surfaces for DELTA wet area membranes
- Tile primer for floor and wall tile adhesives (able to be diluted 1:1 with water for this application)
- Enhancing bond strength of mortars, screeds and renders.
- Waterproof additive for cement based tile adhesives, grouts, screeds, renders and patching Compounds.
- Priming aerated concrete surfaces and sealing aged, dusty or porous concrete before finishes are applied over.

Note: It is recommended before commencing the application; that adhesion of products to be used (e.g. primers, membranes, coatings adhesives etc) is tested over a typical area of the prepared surface to ensure satisfactory adhesion. It is the responsibility of the applicator to carry this out and accept the substrate suitability before any application starts. Details contained in product data sheets are general in nature. For any situation or items not covered in this data sheet, it is the responsibility of the applicator to check with DELTA Technical Services before commencing the application.

Disclaimer: This Product Data Sheet (PDS) summarises our best knowledge of the product, including how to use and apply the product based on the information available at the time. You should read this PDS carefully and consider the information in the context of how the product will be used, including in conjunction with any other product and the type of surfaces to, and the manner in which, the product will be applied. Our responsibility for products sold is subject to our standard terms and conditions of sale. DELTA Construction Industries does not accept any liability either directly or indirectly for any losses suffered in connection with the use or application of the product whether or not in accordance with any advice, specification, recommendation or information given by it.

GENERAL APPLICATION DETAILS

- Surfaces must be clean, sound, stable and free of: loose foreign material; existing coatings; laitance; release agents; curing compounds and oil/grease residues.
- DELTA Prime LPA should be lightly stirred before using, and can be applied to vertical, horizontal and overhead surfaces using a roller, brush or airless spray unit.
- Coverage of 1 L/6m², this may vary depending on surface porosity.
- When applied DELTA Prime LPA appears in a milky white state, drying clear.
- Not suitable for solvent based finishes. Only use water based systems over DELTA Prime LPA

GENERAL TECHNICAL DATA

- Specific gravity of mixed product: 1.01kg/L
- Appearance: milky white - wet, clear – dry
- Water soluble: 100% soluble in a wet state
- Flammability: Nil

APPLICATION

Primer

- Apply product neat when using Delta membranes. Do not dilute.
- Tile adhesive, Screed or render primer:

For Porous surfaces: Deltaprime LPA may be diluted 1 part: 2 parts water to assist in penetration of substrate.

- Can be applied by brush, roller or airless spray.
- Check porosity of surface with water droplet test. If droplets do not absorb, surface is non porous.

Bonding Agent

- High bonding slurry coat – mix by volume 1 part Deltaprime LPA: 1.5 parts of cement and brush apply. 2 coats should provide approx. 0.5mm thickness
- Grouts and cement based adhesive improver – use a solution of 1 Deltaprime LPA: 1 part of water into grout/cement adhesive mix.

IMPORTANT NOTES

- Not designed for use as an exposed or trafficable sealer
- Not to be used for applications in immersed areas

Drying times:

- Tack free – 15-30 minutes (will vary with surface porosity)
- Dry film – 30 minutes

Drying time: Based on normal ambient temperatures of 23°C and 50% RH, *Temperature, humidity

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STORAGE CONDITIONS

Store at room temperature in dry area avoiding humidity and frost
Avoid storing on direct concrete floor in freezing conditions
12 month shelf life (unopened)
Avoid storing in direct sunlight

PACKAGING

Available in 15L polypropylene pails

CLEANING

Product while in a wet state will clean up with water. Once dried product will need to be removed by high pressure clean or soapy solutions.

HEALTH & SAFETY

The product is non-toxic but good hygiene and industrial practices should always be employed. Refer to the relevant Safety Data Sheet (SDS) available.

DELTA Construction Chemicals

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