

INSTACEM PRIMER LATEX

INTRODUCTION

INSTACEM PRIMER LATEX is a blend of acrylic polymer resins. The latex is applied to previously prepared substrate concrete, blockwork, brickwork, masonry or render before the application of **INSTACEM Special Concrete Products**.

QUALITY ASSURANCE

INSTACEM PRIMER LATEX is a Quality Assured product produced to British Standard BS EN ISO 9001.

COMPONENTS

INSTACEM PRIMER LATEX comprises acrylic polymer resin in an hydrous matrix. Non-toxic, solvent free, water based system.

APPEARANCE

INSTACEM PRIMER LATEX is a milky-white, viscous liquid, sweet (aromatic) smelling, non toxic liquid. Ready to use. On drying, a clear hard film is formed.

USES

- . To enhance the bond strength between substrate and cementitious repair materials
- . To reduce suction from repair materials at the bond line
- . To consolidate weak or friable cementitious or brick substrates
- . To seal and protect cementitious surfaces from frost, acid, gases and chemical attack
- . To seal and bond floor screeds to concrete
- . To prevent the ingress of water along the bondline
- . To reduce the permeability and enhance the durability of concrete
- . To increase the tensile strengths of mortars and concrete
- . To produce smooth and attractive finishes to concrete and screeds

BENEFITS

- . Ready to use
- . Quick and easy to apply by brush, broom, roller or spray
- . Can be supplied to cleaned dry, damp, moist or wet substrates
- . Adheres strongly to all construction materials: concrete, steel, mortar, render, masonry, stone, wood, plastic and glass
- . Will form a polymer film at low temperatures
- . The resin will not break down or re-emulsify
- . Water 'soluble' - equipment is quickly and easily cleaned with water
- . Economic, non toxic, user compatible and safe to use



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YIELD

Normally, 1 litre of **INSTACEM PRIMER LATEX** will treat 5m² of substrate surface with 2 coats of latex. Allow more latex for use on porous concrete; approximately 4m²/litre for a 2 coat application

MIXING INSTRUCTIONS

INSTACEM PRIMER LATEX requires no mixing and is ready to use.

APPLICATION

Good surface preparation is essential. All substrates should be mechanically sound and thoroughly clean. On heavily contaminated surfaces, any dirt, oil, grease and organic growth must be mechanically removed until a good, sound, strong substrate is obtained. Finally, the whole area of the repair should be thoroughly washed with plenty of clean water prior to application of **INSTACEM PRIMER LATEX**. Any standing water must be removed.

To penetrate, consolidate and seal concrete and other cementitious surfaces, apply the latex to the prepared substrate which should be free of all standing water. The latex is brushed or sprayed evenly and completely onto the surface at the rate of 10m²/litre. If applied by brush, scrub the primer well onto and into the surface to be treated. After about 20 minutes or when the first coat is dry, apply a second coat.

For use as a primer: apply the first coat of latex as outlined above and allow the liquid to penetrate the surface and dry out. Apply a second coat. At this point place **INSTACEM Special Concrete Products** wet on wet. With a gloved hand apply the cementitious product onto the latex and work the mixture well onto the substrate. Ensure complete and intimate contact of the cementitious material with the concrete.

INSTACEM PRIMER LATEX can be used to seal and protect freshly mixed and placed repair materials by forming an acrylic resin modified cementitious skin on the surface of the repair. Bring the repair material up to the level of the surrounding concrete profile, spray the latex onto the surface and use a steel float to produce a smooth and attractive finish.

HEALTH AND SAFETY

INSTACEM PRIMER LATEX is non toxic and safe to use. If splashes enter the eyes, the latex must be washed out immediately with plenty of clean running water.

Continue the treatment for several minutes with the eyelids kept open. If the latex is ingested, give the patient plenty of water to drink. Wear protective clothing, goggles and a mask while handling, spraying and applying the material.

PACKAGING AND SHELF LIFE

INSTACEM PRIMER LATEX is supplied in 5, 10, or 200 litre packs and has a shelf life of 1 year.

IMPORTANT NOTE

All specifications published by the company are as accurate as possible and serve as a guide. Coverage figures are approximate. Whilst the product is of guaranteed quality we cannot accept responsibility for work carried out with our products. Information and recommendations contained in our literature, or given by our employees or distributors and the use of the same are based upon experience and are given in good faith. We accept no liability for any loss or damage (including direct contingent or consequent loss of profit) arising in respect thereof.