

PRODUCT

SINMALATEX

SINMALATEX is an admixture and a bonding agent for mortar.

DESCRIPTION

SINMALATEX is an organic polymer, a milky white emulsion containing air-detraining and water-reducing agents, to be used as concrete bonding agent or to be added to cement mortars when water resistance and good addition are required.

SINMALATEX is a non-re-emulsifiable bonding admixture.

USES

As bonding agent between existing concrete and new repair mortar.

As admixture, SINMALATEX when added to the mixing water provides:

- unequalled bond strength to a wide variety of substrates, including concrete, masonry, brick, metal, wood and polymeric foam,
- superior mechanical strength properties of concrete: tensile strength, flexural strength and impact strength are significantly improved,
- excellent water resistance and abrasion resistance,
- superior freeze/thaw resistance and proven long term durability on exterior exposure,
- good chemical resistance for use in general purpose applications.
- when properly incorporated into a cement mortar mix and applied under typical conditions, the spheres of the polymer will coalesce (merge together) to form a continuous polymer matrix which coats the hydrating cement grains and aggregates. This polymer matrix acts as a barrier which helps to maintain high levels of internal moisture for improved hydration of the cement and also provides a polymeric network which enhances the toughness and durability of the finished product.

SPECIFICATIONS

- Form:	organic polymer emulsion
- Colour:	milky white
- Density:	1 kg/litre
- Limitation:	store free from frost
- Storage Life:	18 months if stored in the original tightly sealed container.
- Packaging:	5 Kg or 20 Kg tanks and 200 kg. drums.



HOW TO USE

Substrate Preparation

Substrates must be sound, free from loose particles and laitance, old paint residues, dirt, oil, grease and waxes.

The recommended methods of cleaning are:

- Grit-blasting.
- High pressure water jetting.
- Mechanical brushing.

AS BONDING COAT

SINMALATEX can be used as it is or as a creamy paint formed by 1 part of cement, 2 parts of fine sand and a sufficient amount of SINMALATEX to produce a creamy paint consistency.

Brush SINMALATEX or the CREAMY MIXTURE with stiff bristle brush into the entire area to be resurfaced.

Apply the repair mortar immediately, before the bonding agent dry.

AS AN ADMIXTURE

SINMALATEX can be diluted with 1 or 2 parts of clean water to replace the quantity of water needed for preparing the repair mortar.

CLEANING

Tools and equipment to be cleaned with water immediately after use

NOTE

All information and direction contained in this technical data sheet are given in good faith and are based on the best-known practical test.

SINIT, when having no control over transport, storage, handling, use and application of product, must disclaim responsibility for any unsatisfactory results obtained.

All test values at 23° C.

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These data supersede all previously published data.

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