

Cemseal Latex

Thin-Set Mortar Additive & Water Resistant Bonding Agent

cemseal[®]
Your Construction Chemical Partner

The Product

Cemseal Latex is a high solids latex emulsion specially formulated to be mixed with cement (neat) or cement sand mortar for thin set application, improved adhesion and water resistance properties. It is designed for interior or exterior use.

Uses

- ◆ For improving flexibility and resistance to cracking.
- ◆ For repair mortar of patching / filling as an additive.
- ◆ As a bonding agent for cement render / plaster, tile fixing / tile joint grouting and masonry jointing mortars, etc
- ◆ For thin-set cement sand mortar application.

Advantages

- ◆ Improves adhesion, compressive, flexural and tensile strengths.
- ◆ Excellent Shear / Bond Strength.
- ◆ Designed for use on Vertical and Horizontal Surfaces.
- ◆ Virtually Eliminates Efflorescence
- ◆ Improves abrasion resistance (dusting-less)
- ◆ Reduces water permeability
- ◆ Easy application, water based & environmental friendly.

Technical & Physical Data

Colour	Milky white liquid
Packaging	20 kg/pail, 200 kg/drum
Specific Gravity	1.00
Flammability	Non-flammable
Shelf Life	12 months of kept in a cool dry sheltered place

Consumption Guide

For example for thin-set mortar, 3 liter Cemseal Latex per m² for 10mm thick high cement content mortar (Ratio 1 part cement : 1 part sand, use only clean, washed and well graded sand)

For example for cement mortar, 5 liter Cemseal Latex per m² for 100mm thick cement sand mortar (Ratio 1 part Cemseal Latex : 3 part clean water, 1 part cement : 3 part sand)

Substrate Preparation

The substrate must be sound, clean and free from oil, grease, laitance, loose particles or dust. All absorbent substrates must be pre-wetted to saturated surface dry condition.

Cemseal Industries Sdn Bhd
(Co. No.884153-T)
9 & 11, Jalan Besi,
Taman Sri Putri,
81300 Skudai, Johor,
West Malaysia

T +607-558 3320

F +607-556 9127

E info@cemseal.com.my

Method of Statement

Application

- ◆ Pour correct amount of Cemseal Latex into a clean mixing container, Cemseal Latex Mortar should be thoroughly mixed but not longer than 2 minutes (Otherwise too much air may be entrained which cause weak mortar)
- ◆ Over dilution of Cemseal Latex, for example more than 1 part Cemseal Latex : 3 part water is not recommended as this will result in very little performance improvement.
- ◆ Generally use as little gauging water as possible.
- ◆ Applying the bonding coat on to the substrate and place the mortar wet-on-wet condition.
- ◆ Apply Cemseal Latex Mortar with flat side of trowel, using pressure to attain a good mechanical bond.
- ◆ For repair / patching mortar, apply the stiff plastic mortar on the well saturated substrate. For the areas subjected to a heavy usage or application on a very smooth substrates apply a bonding coat prior to the application of mortar.
- ◆ For masonry joints, mix mortar into a paste-like consistency and place firmly into the previously wetted joints with a spatula or pointing trowel and finish off with a pointing trowel.
- ◆ Cemseal Latex is recommended to mix with Tile Adhesive (Preblended of Sand and Cement) for setting all types of tile and stone including floor and wall tile and ceramic mosaics, paver, quarry tile, porcelain, marble, cultural marble, slate and limestone.
- ◆ Cemseal Latex can also be used for setting absorbent, semi-absorbent and vitreous tile with the thin bed method on vertical and horizontal surfaces, or as slurry bond coat with the thick bed method.
- ◆ Apply no more thin set mortar than can be tiled in 10 minutes. Do not set tile after a skin has formed. Remove the old mortar and re-apply fresh mortar if skinning occur.
- ◆ Occasionally check the backs of tile, stone or sheet of tile to ensure >80% mortar coverage. Always beat the tile into the mortar with rubber face beating block to ensure maximum contact and bond.
- ◆ Remove uncured mortar with a sponge and clean water immediately after tile had been installed.
- ◆ Keep from general foot traffic for at least 72 hours after installation. Plywood or stepping boards may be used after 24 hours. Substrate, ambient and material temp must be kept above 25 °C for at least 72 hours after application and prior to grouting to ensure proper curing.
- ◆ Cemseal Latex should not be applied at temperatures below 25 °C

Others Application

To consult the local Cemseal's representative.

For Further Information	Cemseal Industries Sdn Bhd (Company No. 884153-T) No. 9 & 11, Jalan Besi, Taman Sri Putri, 81300 Skudai, Johor, West Malaysia. Tel : 607-558 3320, Fax : 607-556 9127, E-mail : info@cemseal.com.my
First Aid	In case of contact with eyes, skin or body wash immediately with clean fresh water or stand under shower and wash off. In case of inhaling of vapor or ingestion remove to fresh air and do not induce vomiting. Obtain immediate medical treatment.
Statement of Responsibility	The technical information and application advice given in this Cemseal publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature no assumption can be made as to a products suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user, is responsible for checking the suitability of products for their intended use.
Note	Field service where provided, does not constitute supervisory responsibility. Suggestions made by Cemseal either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not Cemseal are responsible for carrying out procedures appropriate to a specific application.