

CMI® LATEX ADMIX 350

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DESCRIPTION

CMI® Latex Admix 350 is a ready to use, water-based emulsion polymer specially formulated for use with CMI's range of cement-based tile adhesive and cements and screed or render. It is suitable for internal general area only. Mortar modified with **CMI® Latex Admix 350** will have better physical and chemical properties.

USES

- A latex admixture to be used as an additive to improve mechanical and bonding characteristics of cement mixes for screeds, renders, etc. when apply onto concrete surfaces.
- When mixed with CMI® cement-based tile adhesives, it helps to improve flexibility and bonding strength of the cement-based tile adhesives. The improved tile adhesives can be used to fix ceramic tiles onto concrete, cement render, block wall, rendered surfaces for dry and wet areas.

ADVANTAGES

- Improve adhesion and shear bond strength of renders / screeds.
- Increased bonding strength and flexibility of cement-based tile adhesive performance.

Product Type	Product Code	Pack Size	Color	Substrate
Latex Admixture	350	4L / 20L	Milky White Liquid	Concrete, block, cement render, tiles

Technical Data

Appearance	Milky White Liquid
Specific Gravity	1.01
Viscosity	200 – 300 mPa.s
pH	9 - 10
Hazard Classification	None
Mixing Ratio	Refer to Table of Mixing Ratio & Coverage (Section: Mixing)

Mixing

Table of Mixing Ratio & Coverage

Application	Mixing Ratio	Coverage / Consumption
Screed/ Render	Approx. 19% of total dry material	0.1 L/m ² per mm thickness
Tile Adhesive	Approx. 28% of total dry material	7.0 – 8.0L per 25kg tile adhesive

Surface Preparation

CMI® Latex Admix 350 can be used for tiling. screeds, renders and leveling plasters on any cementitious surface that are solid, strong, sound and clean.

Crumbling and loose particles, dust, traces of oil or form release agents, and existing paint must be removed by careful sandblasting, brushing or high-pressure water jetting. Substrates that are very dry should be wetted down to a saturated surface dry condition.

Application

SCREED & RENDER

Pour **CMI® Latex Admix 350** into a dean container. Slowly add 1 part cement and 3-4 parts sand into the concrete mixer drum and mix with a low-speed mixer until a homogeneous mortar is obtained without lump. Apply the mortar with a trowel to the required thickness. After application, especially in very warm or windy weather conditions, the mortars made with **CMI® Latex Admix 350** as additive must be protected and cured carefully to avoid fast water evaporation, which could cause surface cracking due to plastic shrinkage. Spray with water mist during the first two days of curing or protect the mortars with polyethylene sheets.

2K CEMENT-BASED TILE ADHESIVE

Pour 7-8 litres of **CMI® Latex Admix 350** into a clean container. Slowly add in 25kg cement-based tile adhesive into the container and mix with a low-speed mechanical mixer until a homogenous mortar is obtained without lump. Apply the mortar with a suitable notched trowel depending on the tile size. Excess adhesive on tile surface must be clean immediately as hardened material may be difficult to removed.

Coverage

Refer to **Table of Mixing Ratio & Coverage** (Section: Mixing)

Cleaning

Clean up equipment with water immediately after use.

Safety Precautions

- Wash thoroughly after handling. Do not eat, drink or smoke when using this product.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Precaution should be taken to avoid skin or eye contact or swallowing the product.
- Use adequate ventilation to avoid high vapour concentrations.
- When handling or mixing the product, avoid inhaling vapour.
- In case of inadequate ventilation wear respiratory protection. In case inhaled, remove patient to fresh air and allow to rest.
- In case swallowed, do not induce vomiting. Rinse mouth clear with plenty of water.
- In case contact with eye, immediately rinse with plenty of water and seek medical advice.
- Remove splashes from skin by using soap or water.
- Products must always be stored in a cool, dry and well-ventilated area.
- When transporting the product, care must be taken. Always keep container in a secure upright position.
- Disposal of product should always comply with local and national regulations.

Shelf Life & Storage

At least 12 months when stored in cool and dry conditions.

Note

The information provided on this datasheet is not intended to be complete and is provided as general advise only. It is the user's responsibility to ensure that the product is suitable for its intended purpose. As we have no control over the treatment of the product, the standard of surface preparation, or other factors, we are not responsible for any damages or injury, including but not limited to special or consequential damages which may result from the use of our products, which includes any damages or injury caused by any failure of performance. The information contained in this datasheet may be modified by us from time to time, without any notice arising from our continuous product development activities.