

# CAPTILE LATEX

## ENRICHED SYNTHETIC LATEX

### DESCRIPTION

CAPTILE LATEX is an acrylic emulsion containing fungicide and defoamer. It is specially formulated to use as an additive for cement mortar. CAPTILE LATEX is ideally suitable to use with CAPTILE GROUT, CAPTILE WALL GROUT, CAPTILE ADHESIVE and CAPTILE FIX TG resulting in a highly water and frost resistant mortar. CAPTILE LATEX can be used for interior and exterior applications over structurally sound concrete, masonry blocks, gypsum wall board and cementitious backer units to set marble, granite, pavers, quarry tiles, vitreous and non vitreous ceramic tiles.

### FEATURES

The stabilized polymer particles in the aqueous dispersion bind together to form a continuous network of polymer that fills most of the voids in mortar, thus making mortar water resistant as well improves the bond, tensile and flexural strength.

### STANDARDS

Tiling and grouting should be carried out in accordance with relevant requirements from ISO 13007 and EN 12004.

### USES

- By mixing with cement-sand mortar, CAPTILE LATEX is recommended for interior or exterior installation of ceramic tiles, mosaics, quarry tiles, pavers, paving bricks, slate, marble, granite tiles, precast terrazzo tiles and natural stone tiles on wall or floor.
- As an additive to portland cement base tile jointing compound.

### ADVANTAGES

- Increases adhesion.
- Resistance to thermal shock and impact.
- Highly water resistant.
- Economical.
- Non-toxic.
- Suitable for joints from 3 to 12mm
- Good chemical resistance

### TYPICAL PROPERTIES

#### Appearance:

Milky white liquid.

#### Consistency:

Low viscous.

#### Specific gravity:

About 1.01 at 25°C

#### Toxicity:

Non-toxic.

#### Water absorption%:

< 2% (as per BS 1881 on precast cubes).

#### Freeze thaw stability: Good.

#### Applicable standards

ASTM C 1059 & ASTM C 1438

#### Shelf life:

Minimum 12 months in sealed original containers under recommended storage conditions.

### DIRECTIONS FOR USE

#### Surface preparation:

All supporting surfaces shall be structurally sound, solid, stable, and free of dust, oil, grease, paint, tar, curing compounds, sealers, laitance, loosely bonded toppings, loose particles, or any deleterious substances and debris that may prevent or reduce adhesion.

#### ADDITIVE FOR TILE BEDDING MORTAR:

##### Mixing:

Mixing should preferably be carried out by hand. Take 4.4 to 5.2 kgs of CAPTILE LATEX in a vessel. Add one 20 kg bag of CAPTILE ADHESIVE or CAPTILE FIX TG and mix for 2 to 3 minutes until a homogenous lump free putty like consistency is achieved. Protect the exposure of mix material from wind or direct sun for long time to avoid skinning.

#### Application:

Apply to surface using notched trowel technique, working in areas of approximately 1 m<sup>2</sup> at a time to avoid skinning of the adhesive. Set/fix dry tiles

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in bed of mortar and slightly twist to ensure good adhesion. When tiles are aligned in final position, lightly tap using a wooden float. Allow tiles to set for 24 hours before grouting.

### GROUTING:

#### Mixing:

Mixing should preferably be carried out by hand. In one volume of CAPTILE LATEX add 3.5 to 3.7 volume of CAPTILE GROUT or in one volume of CAPTILE LATEX add 3.1 to 3.3 volume of CAPTILE WALL GROUT. Mix slowly by hand to obtain a smooth workable putty consistency. Avoid mixing by mechanical means, as it may entrap air.

#### Application:

Ensure that the joint to be grouted is clean and the adhesive is sufficiently set to avoid disturbances of the tiles. Apply grout to the joint using a spatula or rubber squeeze deep inside the joint. Remove excess material in joints using a dry cloth, taking care not to drag the cloth over freshly

grouted surfaces. Polish the tiles when grouting is complete and before grout gets cured. Allow the

grout to cure before placing in service. Avoid exposure to frost, rain, traffic, chemical spillage and vibration before full cure is achieved.

### CLEANING OF TOOLS:

All tools should be clean immediately after use, using water. Solvent such as white spirit can be used to remove hardened mortar if required.

### SAFETY PRECAUTIONS

CAPTILE LATEX is non-hazardous in normal use. Contact with eye or skin should be cleaned or washed immediately with abundant water.

### PACKAGING

CAPTILE LATEX is supplied in, 20 kg 5 kg and 200 kg.

### STORAGE

Preferably store in sealed conventional containers, protected from extreme weather conditions.

### TECHNICAL SERVICE:

Our Technical Service Department is available at any time to advise you in the correct use of this product or any other Ahlia products.

**Note :** The information presented herein is based on the best of our knowledge and expertise for which every effort is made to ensure its reliability. Although all the products are subjected to rigid quality tests and are guaranteed against defective materials and manufacture, no specific guarantee can be extended because results depend not only on quality but also on other factors beyond our control.

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