

Styrene Butadiene Rubber Latex Emulsion

PRODUCT DESCRIPTION

Boscocem #475 Latex is a specially modified styrene butadiene rubber emulsion.

PRODUCT USES

- Mixed with neat cement/sand on site to form thin bonding layer and/or splatter dash coat.
- Plasticiser and Bonding agent for thick bed plastering.
- Use as neat bonding agent to receive cement mortar and cementitious topping.
- Waterproofed additive for brickwork pointing.
- Used as bonding agent for tile fixing in conventional cement/sand.

FEATURES AND BENEFITS

- Bonding additive in cement sand mortar, render and screed to reduce cracking.
- Increase bond, flexural and tensile strength and compressive value.
- Better abrasion resistance and chemical resistance of cement screeds.
- Enhance performance of thin screeds.
- Increase water resistance.
- Environmentally friendly.
- Increase performance of proprietary adhesive in shear and tensile.

SUBSTRATE TYPES

Provides good bonding to:

- Concrete
- Cement screed backings
- Existing tiled floors.
- Well-bonded existing finishes.
- Old and new surfaces.

TECHNICAL DATA

Form	Milky White Liquid
Volume Solids	22% - 25%
Relative Density	1.025
Pot Life	Nil
Bond Strength	1.5N/mm ²
Compressive Strength (with 1:3 cement/sand)	18 N/mm ² - 3 days 26 N/mm ² - 7 days 35 N/mm ² - 28 days
Modulus of Elasticity	6.5N/mm ² - 28 days

PACKAGING

- Boscocem #475 - 200 litres drum
- 25 litres & 4 litres pail

STORAGE AND SHELF LIFE

Boscocem #475 has a shelf life of at least 12 months.

Store all materials in a cool dry place, in an elevated condition.



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MIXING AND APPLICATION

As Thin Bonding Layer/Splatter Dash key

Cement/sand - 1 part

Dilute Boscocem #475 with clean water in ratio of 1:1 or 1:2.

Dampen substrate before application.

As Plasticiser & Bonding Agent

Cement - 50 kg, Plastering sand - 200 kg.

Mix between 5-10% Boscocem #475.

As neat Bonding Agent

Apply Boscocem #475 neat from the can approx. 8-12m² per litre. For porous substrate, dilute 1:1 with clean water, brush on substrate.

Dampen substrate before applying bonding coat, allow to remain tacky approx. 15-20 minutes.

As Thick Bed cement and sand backing/screed to receive Heavy Tiles

Cement - 50 kg, Sand - 150 kg

Mix 8-9 litres Boscocem #475 with clean water to consistency.

Use Approx. 2-2.5 litres of Boscocem #475 for 25mm thick screed bed.

Place screed on wet bonding coat or slurry, compact and trowel to gradient.

Thin Set mortar fixing

Cement - 50 kg, Sand (0<0.3mm)-50kg

Use 12 litres of Boscocem #475 with minimal water for mixing.

Approx. 0.5 to 0.7 litres of Boscocem #475 is required for 3mm thickness.

In place of cement and fine sand, use Hydroment Tilecrete Powder.

SURFACE PREPARATION

All surfaces must be sound, clean and free of dust, grease, oil, curing compound and any foreign materials which will inhibit proper bond. Concrete should have a surface texture similar to a light broom finish.

CLEANING

All tools and equipment can be cleaned with clean water before the product sets.

HEALTH AND SAFETY

Boscocem #475 is non-toxic. For personal precautions, protective gloves and goggles may be worn during handling of this product.

