

Don Latex

Liquid polymer bonding agent for cement containing mixes



Description

Don Latex is a one-component styrene-butadiene rubber latex bonding agent. Don Latex is designed to improve the physical properties of cement mixes and slurries.

Applications

Don Latex is ideally designed for use in the following applications:

- ▲ Bonding of new to old concrete when used as a slurry coat.
- ▲ To produce polymer modified screeds and floor toppings.
- ▲ To produce a mechanical key prior to the rendering of various plaster mixes on concrete, brick and block surfaces.
- ▲ To produce a repair mortar for patching of honey-combed concrete, internally and externally.
- ▲ To produce waterproof renders.

Advantages

- ▲ Successfully increases the bonding/adhesion of cement mixes.
- ▲ An excellent waterproof additive which helps produce waterproof renders, screeds and toppings.
- ▲ Effective plasticiser giving improved workability and cohesion.
- ▲ Improved mechanical and physical properties by increasing tensile, flexural and adhesive strengths.
- ▲ Reduces shrinkage and cracking in repair and screeding mixes.
- ▲ Good freeze/thaw resistance.
- ▲ Chloride free.

Method of Use

Substrate Preparation

The substrate should be sound, clean and free from contamination. Surface laitance should be removed by acid etching.

Exposed steel reinforcements should be grit blasted or wired brushed to a bright finish to ensure it is clean of all surface contaminants.

Technical Properties @ 25°C:

Specific gravity:	Around 1.0
Colour:	White

For patch repair, cut back the edges of the repair areas to a minimum of 10 mm depth to avoid thin repair thicknesses. Presoak substrates with water before commencing the repair.

Mixing

In general, Don Latex should be added and mixed with the clean water before dry materials for better dispersion.

1) As a bonding agent slurry:

The recommended mix to produce slurry consistency can be achieved by mixing 2 Don Latex : 1 clean water : 3 OPC cement by volume.

2) As a bonding and waterproofing additive for site mixed floor screeds, renders, concrete repair and floor patching:

The following table shows the mix designs proposed for the reinstatements of old floors, general-purpose patch repair mortar and new floor screeding.

	Thin Section 6 - 15 mm	Thick section 12 - 40 mm
Cement	50 kg	50 kg
Clean sand	125 kg	75 kg
3 - 6 mm aggregate (preferably granite chips)	-	100 kg
Don Latex	5 - 10 ltr	5 - 10 ltr
Water	11 - 14 ltr	11 - 14 ltr
Yield approximately	0.10 m ³	0.11 m ³

Application

1) As a bonding agent slurry:

Use a stiff brush to apply a thick coat to presoaked surfaces. Application of the subsequent render, mortar or screed should take place while the bond coat is still wet (tacky). DO NOT apply on dry bond coats.

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(If bond coat dries before subsequent application, roughen the dry coat before applying a further coat of Don Latex slurry.)

2) As a bonding and waterproofing additive for site mixed floor screeds, renders, concrete repair and floor patching: Apply the screed, repair mortar or render mix using wooden float to place and compact while the bond coat is still wet (tacky). Finish with a steel float.

Curing

Care should be taken for appropriate curing. Use a chemical curing compound or a wet hessian completely covered with a polyethylene sheet for curing.

Cleaning

Clean all tools immediately after use with fresh, clean water. Clean hardened materials mechanically.

Packaging

Don Latex is available in 5 and 25 litre drums.

Storage

Don Latex has a shelf life of 12 months from date of manufacture if stored at temperatures between 5°C and 35°C in closed packaging.

If these conditions are exceeded, contact DCP Technical Department for advice.

Cautions

Health and Safety

Don Latex is nontoxic. Avoid skin and eye contact. Gloves and eye protection should be worn. The use of barrier cream is recommended on exposed areas of the skin.

In case of accidental contact with eyes, immediately flush with plenty of water for at least 10 minutes and seek medical advice.

For further information, refer to the Material Safety Data Sheet.

Fire

Don Latex is nonflammable.

More from Don Construction Products

A wide range of construction chemical products are manufactured by DCP which include:

- ▲ Concrete admixtures.
- ▲ Surface treatments
- ▲ Grouts and anchors.
- ▲ Concrete repair.
- ▲ Flooring systems.
- ▲ Protective coatings.
- ▲ Sealants.
- ▲ Waterproofing.
- ▲ Adhesives.
- ▲ Tile adhesives and grouts.
- ▲ Building products.
- ▲ Structural strengthening.

Note:

We endeavor to ensure that any advice, recommendation or information we may give in product literature is accurate and correct. However, due to the fact that we have no direct or continuous control over where or how the products are applied, DCP cannot accept any liability either directly or indirectly arising from the use of DCP products, whether or not in accordance with any advice, specification, recommendation or information given by us.

