

Packaging



Mixing



Application



Uses



Substrates

Concrete
 Brick, Block
 Cement render
 Cement sheet

Textured Finish

Description

A flexible acrylic paste that is applied with a roller over interior and exterior masonry building surfaces to form a resilient, waterproof, decorative and textured finish.

Uses

Restoration, protection and decoration of old and new masonry building surfaces, i.e. off-form concrete, fair face (flush jointed) concrete, clay brick and block, and common building sheet materials.

Features

- Ready to use and simply to apply
- Mould and fungi resistant
- 10-15 years life depending on thickness
- Resists atmospheric chemical attack, scuffing and hard knocks
- Rainwater cannot penetrate, but water vapour can migrate out
- Weathering occurs slowly without spalling and flaking
- Hides cracked and patched surfaces and has very little dirt pick up
- High flexibility and tensile strength enables the coating to accommodate substrate movement
- Available in a range of colours

Coverage (Approximate) 2m² per litre

Colours

Manufactured white, but can be tinted to pastel shades available from paint manufacturers and requires only half the normal tint. Order sufficient material to complete the job. Where two or more containers of tinted material are required mix them separately, then together in a larger container to avoid tint variation.

Performance Data

Surface Water Absorption BS1881 part 5 section 6
 Short term (1 hour) 0.0043 ml/m²/sec
 Long term (24 hours) 0.0009 ml/m²/sec
 Reduces moisture absorption by 95%

Adhesion to Substrate (ASTM D4541) 1.4MPa

Weather Resistance - 2000hr QUV. Slight chalking

Chemical Resistance - resists most dilute acids and alkali solutions.

Specification

The textured finish will be a water based acrylic and shall reduce water absorption by 95% and have minimum adhesion of 1.4 MPa such as **Roltex** manufactured by **Construction Chemicals** and shall be applied in accordance with the manufacturer's application instructions.

Surface Preparation

The surface to be coated must be free of oil, grease, dirt, efflorescence and other contaminants. Smooth masonry and efflorescence must be mechanically roughened, washed thoroughly and allowed to dry. Porous surfaces must be primed with a bonding additive diluted 50% with water. Previously painted surfaces must be clean and firmly adhered. To test for a sound painted surface cut a cross in the existing surface. Place a piece of cellotape over the cut, rip the tape off and if any of the coating sticks to the tape remove the coating from the surface before applying the **Roltex**. Wire brush or sand down flaky or poorly adhered paint. Paint contaminated on the surface must be scrubbed thoroughly with water and detergent then wash residue away thoroughly with water. Cracks must be V-grooved and filled with **Patch & Anchor** and an open weave glass reinforcing tape bedded into a wet coat of **Roltex** applied over the patched area. Holes and mortar joints must be flush patched before coating.

Application

Apply in temperatures between 5° and 30°C, and do not apply in hot windy conditions. Before starting, mask or cover fittings and skirtings so the job can be completed in one application without stopping and starting. The average wall or ceiling is applied in approximately 1 hour. **Roltex** can be applied with a variety of rollers, i.e. nap, textured foam, smooth foam, depending on the texture required. Apply with a brush around fittings and edges and awkward areas. When applying **Roltex** keep roller well loaded as coating must be applied generously.

Apply **Roltex** in three easy steps:

1. With a heavily laden roller work in 1/2 to 3/4 metre strokes to fill an area of 1m² filling the roller when required.
2. Without filling the roller reroll the 1m² section at 90° to the first application to evenly spread the coating.
3. Complete the section by rerolling the section in the same direction as the first application to obtain an even uniform texture.

Repeat these steps until the whole wall or ceiling has been covered making sure to blend in the edges of each section.

Finishing

The texture that can be achieved with **Roltex** is limited only by your imagination. To achieve the desired effect experiment on a piece of board before commencing application. Scrape the material off within 30 minutes and remix in the container.

Finishing the surface is done after the rolled application before the material dries on the surface.

Finishes that are popular and simply achieved are:

Smooth Stipple: smooth foam roller.

Medium Stipple: nap roller.

Coarse Stipple: foam textured roller.

Wood Grain: using a conventional sponge roller with coarse string tied tightly around the roller at 20-30mm intervals.

Rough Plaster Effect: is achieved by brushing the applied material with a 35mm paint brush.

Stucco: with a plasterers gauging trowel touch firmly the applied surface and lift off.

Random Stucco: with a plasterers gauging trowel touch the surface firmly but slide the trowel before lifting away.

Spanish: with a plasterer's gauging trowel imprint the surface with sweeping motions.

Protect the surface from rain and frost for 48 hours after application.

Curing

At 20°C and 50% relative humidity the coating becomes touch dry within four hours. The finish is serviceable in 24 hours and full cure occurs in 10 days.

Clean Up

Wash application equipment in warm soapy water.

Maintenance

Maintenance of the coating consists of cleaning with any household detergent or steam or water blasting. Gouges can be easily patched.

Shelf Life 2 years