

Description

Robex Trustcoat Waterproof Plus has been specially developed after extensive research for use as an invisible waterproof treatment for walls and for use as an injection damp course system. TWP is a special blend of aliphatic solvents reinforced by polyoxo aluminum stearate. Once the system has cured it is completely invisible and can be over-coated with most conventional paints.

The TWP system can also be used as an injected damp proof course providing a barrier against rising damp for periods in excess of 20 years.

Preparation

TWP is suitable for the following substrates:-

- Cement (lime) sand finishes
- Roughcast or pebbledash
- Weathered concrete
- Weathered asbestos cement sheets
- Brickwork (excluding dense or semi-glazed engineering bricks)
- Natural stone
- Artificial stone

Loose and friable materials must be removed and any cracks or defective joints must be made good before treatment.

Where the walling contains appreciable quantities of soluble salts which appear periodically on the surface as efflorescent, expert advice should be sought before treatment.

The surface of the substrate must be dry and free from dirt, grease and organic growths. Detergents must not be used for cleaning down.

Application

One coat application by brush or low pressure spray.

Coverage

2 - 4 m²/litre depending upon the suction of the surface. On surfaces with a very high suction, coverage will be reduced and may require a second coat. This should be applied as soon as the first coat has been absorbed into the surface.

Curing Time

TWP is normally dry within 2 hours although it can take up to 12 hours depending on temperature and humidity. The full water-repellent properties of TWP are achieved as soon as it is dry.

Flash Point

35-38 Deg. C (minimum)

Storage Life

Minimum 12 months in sealed containers.

Cleaning

To clean brushes, equipment, contaminants, etc., we recommend the use of **Robex All Purpose Cleaner**.

Using TWP as a Damp Proof System

In order to achieve maximum benefits from the use of TWP, holes of approx 10 mm diameter should be drilled in walls to be treated at a maximum spacing of 125 mm. Should a brick course prove too dense to allow adequate penetration of fluid, drilling may be carried out in the adjacent horizontal mortar courses allowing the same spacing. Walls 115 mm thick should be injected from one side only, solid walls of 230 mm should normally be injected from both sides.

TWP should be injected at a nominal pressure of 7 bars (approx 100 lbs psi) using a plunger or a diaphragm type pump. Injection should continue until complete saturation is evidenced by the product beginning to exude from the substrate.

NOTE: Normal brick walls affected by rising damp and treated as above will dry out in 6 - 12 months.

General Information

TWP will normally not cause any significant change in the appearance of the surface to be treated. However, in certain the nature of the substrate may result in the treated area appearing to be slightly darker. Although the vapour permeability in the substrate is slightly lowered the treated surface will allow the passage of air and water vapour. Internal walls, subject to damp patches, can be treated with TWP. These areas can then be wallpapered or coated with conventional oil paints, emulsion paints can be used but in some cases they do not spread satisfactorily. Externally normal decorative coatings may be applied after 2 - 3 days, when applying cement paints TWP must be left for at least 6 months.

No liability is accepted for any injury, loss or damage arising directly or indirectly from the use of the Company's products or from the use of information given in our data sheets, since the customer's use of the product is necessarily out of our control. The information given is intended to serve as a guide only. Customers should satisfy themselves by appropriate trials that the products are suitable for their intended use.

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