

PCT WATER REPELLENT TECHNOLOGY^{cc}



"like water off a duck's back"

PRODUCT DATA SHEET D-022

REVISION 4.1

REVISION DATE 13/11/2015

PCT X-TREME

HYDROPHOBIC PENETRATING CHEMICAL TREATMENT FOR NEW PLASTER.

1. PRODUCT DESCRIPTION

PCT X-TREME is a semi-viscous white topical and penetrating chemical treatment for new and aged plaster by brush or roller application.

2. PRODUCT FEATURES

PCT X-TREME is an all-weather chemical treatment for new and aged concrete and plaster. During application the product enters into inherent capillaries of the substrate where it reacts with Calcium Hydroxide and in the presence of Carbons and Oxygen an insoluble Hydrophobic crystalline structure is formed whilst at the same time forming a flexible skin on the surface.

A newly plastered surface may be treated after 24 hours.

Paint failures due to water ingress is unable to occur.

A supporting product to manage inherent water and moisture in cementitious capillary structures thus preventing paint failures.

3. PRODUCT BENEFITS

Prevents ingress of water or moisture.

Economical

Durable

No more paint failures due to the destructive properties of water.

Quick drying.

Water based, contains no toxic solvents.

Application of primers and undercoats is not necessary.

Will accept any paint.

Hairline crack formation typical with new plaster is significantly reduced.

Opacity is enhanced due to the white colour.

4. TYPICAL SUBSTRATES

New or aged plaster.

5. PRODUCT INFORMATION

COLOUR White

SOLID CONTENT 43%

SPECIFIC GRAVITY 1.1

VISCOSITY 16 – 18 Seconds Ford Cup

SOLVENT Water based

SPREADING RATE 6-8 m² per litre depending on the porosity and thickness of the substrate

WATER INGRESS Zero head loss after 6 days WACKER ACADEMY WATER INGRESS TEST

TEMPERATURE	Maximum 40°C application Minimum -3°C application
CURING TIME	24 hours at 25°C and 30% relative humidity.
LIFE EXPECTANCY	Subject to life expectancy of final coats.
SHELF LIFE	6 months
POT LIFE	Replace lid after use
MIXING	Ready to use, do not thin or reduce.
SURFACE MOISTURE	Wet

6. APPLICATION DETAILS

During application of a cement plaster mix in accordance with approved building practice and procedures and atmospheric conditions 25°C and 30% relative humidity moisture is released into the atmosphere and after approximately 24 hours the surface is suitable for treatment. The surface texture has formed and will not be disturbed by application of PCT X-Treme.

Apply by brush or roller and ensure that the surface is saturated.

After 30 minutes thoroughly inspect the surface to ensure that no pin-holes are evident. If pin-holes are observed, patch prime these areas.

Pin-holes indicate underlying capillaries and if not sealed, water or moisture will enter and lead to paint failure.

7. CLEANING OF EQUIPMENT

Use potable water

8. PACKAGING

20 Litre triple lock container

5 Litre triple lock container

The information contained in this document is meant as a guide for the specifier or user. It is gained from laboratory tests conducted in controlled environment and experience. No guarantee of performance is implied since application procedure, conditions of use, substrate conditions and substrate cleanliness is beyond our control.

Should a Guarantee of Performance be required, PCT WATER REPELLENT TECHNOLOGY cc will present a Written Project Specification subject to terms and conditions applicable to the Paint Supplier Warranty Conditions.

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