

PCT WATER REPELLENT TECHNOLOGY_{cc}



"like water off a duck's back"

PRODUCT DATA SHEET D-023
REVISION 4.1

PCT ADVANCE

HYDROPHOBIC PENETRATING CHEMICAL TREATMENT FOR NEW AND AGED PLASTER.

1. PRODUCT DESCRIPTION

PCT ADVANCE is a semi-viscous murky white topical and penetrating chemical treatment for new and aged surface when the surfaces are unable to dry within the recommended time frame. Application is by brush or roller.

The product cures transparent.

In the instance of rising damp due lack of or breached damp core, the product is applied by means of injection. For further details refer to PCT REPAIR PROCEDURE FOR RISING DAMP.

2. PRODUCT FEATURES

PCT ADVANCE is an all-weather modified chemical maintenance and repair treatment for new and aged concrete and plaster where paint has failed due to water ingress in the vicinity of breached or broken plumbing, drains, sub-surface piping and damp core etc. During application the product will react with Calcium Hydroxide residue in and on the substrate and in the presence of Carbons and Oxygen an insoluble Hydrophobic crystalline structure is formed on the surface whilst at the same time forming a flexible skin on the surface.

A newly plastered surface may be treated within 24 hours.

Paint failures due to water ingress is unable to occur.

A supporting product to manage surface moisture on aged cementitious structures thus preventing paint failures.

The product may also be used as injection repair procedure to prevent rising damp caused by breached damp core or in the absence of damp core.

3. PRODUCT BENEFITS

Prevents ingress of water or moisture.

Economical

Durable

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

Quick drying.

May be applied to wet surfaces up to 8% substrate moisture content.

Water based, contains no toxic solvents.

Application of primers and undercoats are not necessary.

Reduces paint usage.

4. TYPICAL SUBSTRATES

Aged and new plaster surfaces.

Bricks

Slasto

Paving

Sandstone

Cement roof tiles

Prefabricated walls

5. PRODUCT INFORMATION

COLOUR	Murky white, cures transparent.
SOLID CONTENT	37%
SPECIFIC GRAVITY	1.02
VISCOSITY	12 – 14 Seconds Ford Cup
SOLVENT	Water based
SPREADING RATE	6-8 m ² per litre depending on the porosity of the substrate
WATER INGRESS	Zero head loss after 6 days WACKER ACADEMY WATER INGRESS TEST METHOD
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 or dry.

5. SURFACE PREPARATION

Remove all loose and flaking paint and feather the edges. Remove all vegetable growth on the surface.

Remove all dust, dirt or any foreign debris.

Repair the cause of water ingress or water leaks.

Fill-in surface defects with a suitable filler.

6. APPLICATION DETAILS

Apply by brush or roller to achieve a continuous film and leave to dry.

Ensure that all pin-holes are sealed.

Apply paint of choice.

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.

**MANUFACTURED BY
PCT WATER REPELLENT TECHNOLOGY cc
DISTRIBUTED BY:
MARVEL COATINGS
5 LOUIS TRICHARD STR
EXT 10
WITBANK
MPUMALANGA
SOUTH AFRICA
1035**

**FAX +27(0)86 623 7944
TEL +27(0)13 656 4994
MOB+27(0)72 404 1625
MAIL info@marvelcoatings.co.za
WEB www.marvelcoatings.co.za**