

PCT WATER REPELLENT TECHNOLOGY^{CC}



"like water off a duck's back"

Product Data Sheet D-003

Revision 3.1

05/03/2014

PCT[®]56 WATER REPELLENT TECHNOLOGY

Hydrophobic Chemical Treatment for Cement Surfaces and Bricks

- | | |
|------------------------|--|
| 1. PRODUCT CODE | PCT 56 WATER REPELLENT TECHNOLOGY |
| 2. PRODUCT FEATURES | PCT 56 WATER REPELLENT TECHNOLOGY is a pinkish transparent chemical suitable for injection or surface treatment and impregnation of cement surfaces or bricks curing by chemical reaction when subjected to atmospheric gases and oxygen to form a highly hydrophobic, insoluble inorganic water repellent barrier. Movement of water or moisture is restricted by hydrophobic action in positive and negative order prior to application of paint. Capillaries up to 18 microns are filled. |
| 3. PRODUCT BENEFITS | A chemical treatment, not a paint.
Water based
Economical
Ready to use, no thinning required.
UV stable
Impermeable to water or moisture
Acid and alkaline resistant
Inorganic crystal forming |
| 4. PRODUCT INFORMATION | 1,2, 5 AND 25 LITER PACKS |
| 4.1 APPEARANCE | Pinkish transparent liquid. |
| 4.2 SOLID CONTENT | 38% by mass |
| 4.3 DENSITY | 1.05 KG/liter |
| 4.4 SOLVENT | Potable water |
| 4.5 SPREADING RATE | 4-6 squares per meter depending on porosity of surface |
| 5. TYPICAL SUBSTRATES | Plaster surfaces
Bricks
Slasto
Slate
Sandstone
Cement roof tiles
Prefabricated walls |
| 6. APPLICATION DETAILS | |
| 6.1 SUBSTRATE | Dry and free from dust, dirt, foreign debris and loose and flaking paint |
| 6.2 APPLICATION | Conventional spray, airless spray
Avoid damming on the surface.
Avoid overspray on glazing and ferrous metals.
Ensure that the surface is dry before application. |

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 condition and substrate cleanliness is beyond our control.

This product is based on chemicals:

Keep containers closed and store away from direct sunlight

Do not dispose of in sewers

Avoid spillages

MANUFACTURED BY:
PCT WATER REPELLENT TECHNOLOGY CC
UNIT 4 BRETT'S LANE
DUNCANVILLE
GAUTENG
SOUTH AFRICA
1935
TELEFAX +27(0)86 663 4056
+27(0)86 572 8082
MOBILE +27(0)79 900 2234
E-MAIL attie@pctwaterrepellent.com
WEB www.pctwaterrepellent.co.za

