

# DONCRETE-83

## Product Details

IS: 12027-1987

### Water Repellent Emulsion

Silicone based water repellent for porous construction materials.

#### DESCRIPTION

Mankind has perfected the water droplet effect of water lily leaves onto masonry surfaces, to give similar protection to the buildings against dampness and eroding effect of acid-rain water.

DONCRETE-83 was developed for the building industries, it is going to change the way building is to be protected.

DONCRETE-83 works by first penetrating deeply into the concrete pores and others absorbent surfaces such as marble, clay granite, stones, plaster, gypsums, chalky painted surface, during the curing process of 12 hours, it slowly expanded and tighten up the pore with tiny polymer such that water does not penetrate to keep the building dry, thus reducing salt formation, efflorescence, fungus growth, dampness or water seepages.

#### APPLICATIONS

Imparting water repellency to porous construction materials such as natural stone, bricks, concrete blocks, mortar and historical building.....etc.

#### TYPICAL PROPERTIES

Test	Unit	Result
Color		Milky White
Solid Contents	Wt%	40
Volatile Organic Content (VOC)	g/l	<200
Specific Gravity at 25 <sup>0</sup> C(77 <sup>0</sup> F)		1.01
pH	%	6 ±
Flash point, closed cup	<sup>0</sup> C ( <sup>0</sup> F)	>100 (212)
Density	g/cm <sup>3</sup>	1.05
Penetration	mm	4-6

#### FEATURES

- Fast beading action
- Excellent water repellency
- Water/ surface moisture proof.
- Prevent efflorescence and growth of fungus.

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## COMPOSITION

- Silicone emulsion

Conservation – 4-5 m<sup>2</sup> /litr. Of mix material.

## HOW TO USE

- Surface should be dry and free from all debris dirt, oil, grease, wax and other contamination.
- Mix (1part of chemicals: 9 part of water) materials apply first coat and after 30 mints apply second coat by brush/ airless spray.

## USABLE LIFE AND STORAGE

When stored between 0 and 35<sup>0</sup>C. DONCRETE – 83 water repellent emulsions has a shelf life of 24 months from date of manufacture.

## HANDLING PRECAUTIONS

Product safety information required for safe use is not included in this document. Before handling read product and materials safety data sheets and container labels for safe use, physical and health hazard information.

## PACKING

**DONCRETE-83** water repellent emulsion is available in 35, 200 and 1000 kg. Containers.

## TECHNICAL COLLABORATION WITH



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