



ISO 9001:2008 Certified Company
"TIME TESTED PRODUCTS"
SINCE 1972

Water Borne Silicon based Water Repellent

Zahabiya REPECOAT RP-17/7 is a water borne silicon based water repellent coating to impart hydrophobicity to a wide range of porous surfaces. With a unique balance of silane and siloxane chemistry, Zahabiya REPECOAT RP-17/7 provides excellent water repellent properties without forming surface layer; the coat remains invisible causing no change in the aesthetic attributes of the surface and maintaining very high degree of vapour permeability.

- 1 Gives very characteristic beading effect.
- 1 Quick and tack free drying.
- 1 Resistance to UV light.
- 1 Very low VOC - Environment Friendly Product.
- 1 Protects concrete, bricks, stones etc. from damages caused by water absorption, significantly reducing dirt pickup, rust stains, curtaining, lime leaching (white marks), efflorescence and salt damage etc.
- 1 Acid & Alkali resistant.
- 1 Helps in minimizing damages due to frost-deicing salt cycles, swelling and shrinkage.
- 1 Reduces attacks to structure by fungi, lichen, algae and other microorganisms.
- 1 Protects the structure by significantly reducing the destruction of concrete due to corrosion of reinforcement esp. at coastal areas.
- 1 It can be used as a primer for Zahabiya Water Shield - ZSAC-10/55, providing excellent bond allowing the coated surface to remain dry ensuring long lasting protective paint coating in "damp rise" hit areas.



APPEARANCE:

Milky White in liquid form. Invisible once dried.

ODOUR:

Very slight odour. Odourless after drying. [ASTM D1833]

DENSITY (25°C):

1.0 kg/litre [ASTM D1475]

COVERAGE:

Actual coverage depends highly on the porosity and absorbency of the surface. For normal finished plaster and concrete surface, average coverage of 45-55 SFT/litre per two coats has been observed. Since natural stones vary considerably in terms of their surface finish and porosity, actual coverage can only be estimated after application of small test sample.

SAFETY:

A water borne "Human Friendly & Environment Friendly" Product. Non-Flammable in liquid/ dry state.

APPLICATIONS:

Zahabiya REPECOAT RP-17/7 can be used for imparting very effective water repellence properties to the following mineral building materials:

- 1 Concrete Mortar, RCC, fare face concrete etc.
- 1 Gypsum Plaster and Board.
- 1 Mineral Plasters & Paints (e.g. white wash).
- 1 Mineral Based Stones (natural and artificial).
- 1 Cement Fibreboard.
- 1 Aerated Concrete.
- 1 Brickwork (All Types).
- 1 "Damp rise" hit areas.

APPLICATION PROCEDURE:

Clean and dry the surface before application. If efflorescence marks (salt stains) are present, clean the surface salts using dilute tartaric acid, phosphoric acid or any other suitable cleaner. Care should be taken while handling acids, as they are highly corrosive.

Zahabiya REPECOAT RP-17/7 can be applied through flooding, showering or by brush until the surface is well saturated. Minimum 2 coats are recommended. For highly porous surfaces, several coats may sometimes be necessary to render them saturated. Do not leave long intervals between the coats. Apply the next coat before the surface has dried, but after the sheen of the surface has disappeared (wet on wet application).

STORAGE & SHELF LIFE:

Keep in well-ventilated, cool and dry place, away from direct sunlight at 25-30°C. Mix well before use. Keep the container air-tight when not in use. Use within 6 months from the date of manufacturing.

Repecoat applied on	Beading Effect	Penetration Depth (mm)*	Water Absorption (%) 24 hours**
Mortar Slabs	High	1-2	0.51 (5.6)
Brick	High	5-10	0.66 (13.1)
Limestone	High	0.5-2	0.93 (9.2)
Sandstone	High	1-2	1.13 (6.9)

* Indicative Penetration depth, actual depends on surface porosity.

** Water Absorption (%) of untreated substrate is indicated in brackets.

IMPORTANT NOTICE:

The Information & Data contained herein are correct to the best of our knowledge, tests and experience. These are presented in good faith to the users. The recommendations and suggestions mentioned are made without guarantees or representations as to the results. The Consumer should satisfy himself as to the suitability of the product for the intended purpose and use. WE ASSUME NO LIABILITY for damages of any kind and the user accepts the product 'as is' and without any other warranties, expressed or implied. Our warranty is limited to the replacement of so proved defective Zahabiya original product only, provided used within shelf life as supplied originally.

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