

VS ANGH WR-100 WATER REPELLENT

WATERPROOFING CHEMICALS

Description

ANGH WR 100 is a 100% silicone water repellent based on silicone multifunctional polymer technology, which yields micro emulsion upon dilution with water ANGH WR 100 provides excellent water repellent water repellency within 72hours of application which further improves depending upon surface to surface WR 100 protects surfaces from damage caused by water intrusion, seepage, chloride ion intrusion, cracking caused by freeze/thaw cycles, spelling, scaling and helps prevent efflorescence and lime run.

Physcial/Chemical Specifications

ANGH WR 100

Appearance	Clear to hazy liquid
Colour	Pale yellow to reddish
Active Content	100 %
Density	1.05
Diluents	Water
Diluted appearance	Milky to off white

The figures are intended as a guide and should not be used in preparing specifications.

Applications

- Capillary treatment for concrete protection
- Primer for emulsion paint and plasters
- All kind of concrete
- Brick, stone & all porous masonry substrate

Potential Benefits

- Capillary treatment, to maintain breathability.
- Good penetration and durability.
- Water thinable, environmentally compatible.
- Resistant to aggressive air borne pollutants.
- Highly permeable to CO₂
- Highly permeable to water vapour
- Not a breeding ground for fungi, algae and mosses.
- Highly resistance to alkalis and salt water.
- Protection not affected by weathering or UV light
- Ability to apply on old and new surfaces.
- No solvent required for dilution.
- Maintain paint ability.
- No solvent required for dilution.

Dilution

ANGH WR 100 should be diluted with soft water and stirred as it turns to micro emulsion. The diluted dilution should be used within 48 hour dilution should be 1:10 to 1:20 or depending on porosity of surface.

Precaution

Surface must be dry & clean from loose & foreign material.

Eye protective goggles used

Do not apply if rain is expected

Trials are recommended for exact look after application on different substrate

Toxicological Data

ANGH WR 100 has low order of toxicity & should pose no hazard incidental to industrial handling if reasonable cleaning & care is observed. The acute oral toxicity is not determined.

Safety & Handling

Safety goggles must be used for personal protection while handling the product. In case of contact with eyes, wash immediately with water consult physician if irritation persists after 24 hours.

Direction for Use

To dilute ANGH WR 100 with normal water (hard water should be avoided) for new masonry and concrete surfaces. Allow to cure 28 days to neutralize alkalinity and release residual moisture. Make sure that the surface is clean and free from dust before application. Use high pressure water if wet cleaning is necessary and allow adequate (2-3 days) drying time to assure uniform penetration of the water

repellent. After dilution the material should be applied using low pressure commercial air less spray equipment. Start application at the top of the wall and work down applying heavy saturation coat. Apply at least two coats (wet on wet) to the surface. Minimum two coats are recommended to ensure proper result. Ensure to cover window and other non-absorbent surface properly as the product cures quickly and therefore very difficult to remove. Wipe off splashes on window panes immediately using soap water or if necessary an organic solvent.

Cleaning of Equipment

Equipment should be cleaned with water immediately after use.

Coverage

Coverage will depend upon the porosity of the substrate. To ensure proper coverage test a small area to have general idea of coverage.

Storage

Product should be store dry & well-ventilated area Correctly stored in its original unopened container ANGH WR 100 has a shelf life of 365** days from the date of manufacturing.

Toxicological Data

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Packaging

Available in 1 kg sealed HDPE container & 200 liter epoxy coated barrel.

Note

The information in this document is based on the present State of our knowledge of our products. It is given in best faith, only as a guide and does not imply any commitment or guarantee on our part. As V.S.Watertreatment Management Co. has no control over the use to which the user may put the material, it does not claim or warrant that in the user's particular circumstances, the results that the user will obtain from the use of the product will be the same as those described in this communication, or that the user will find the information or recommendations complete, accurate or useful. V.S.Watertreatment Management Co. warrants only that its products will meet its specifications. V.S.Watertreatment Management Co. will not be responsible for incidental or consequential damages of any kind resulting from the users' dependence on the information given herein.

SILANE -Water Proofing

ANGH WR 100

Technical Data Sheet Description

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Physical/Chemical Specifications

ANGH WR 100

Appearance	Clear to hazy
Colour	Pale yellow to reddish
Silane/Siloxane %	100
Specific gravity	1.05
Diluent	Water
Diluted Appearance	Milky to Off white

Application Area

- Capillary treatment for concrete protection.
- Primer for emulsion paint and plasters.
- Brick, stone & all porous masonry substrate.

Potential Benefits

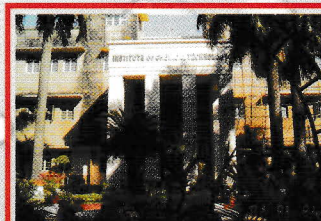
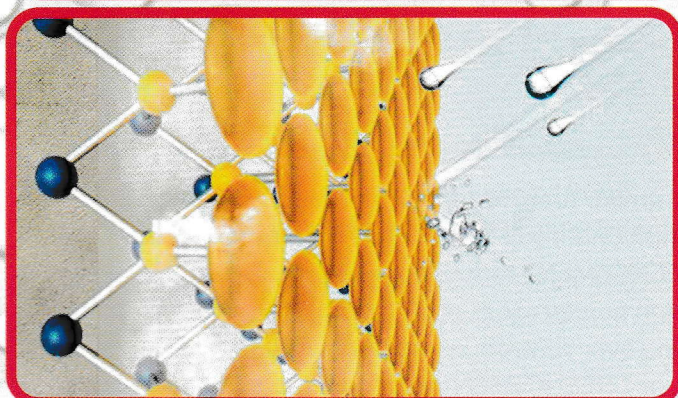
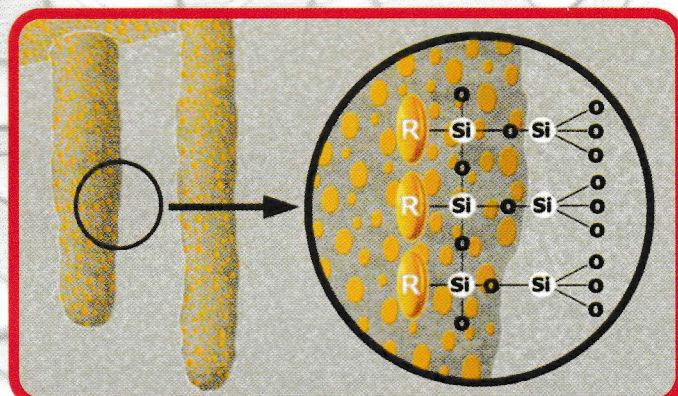
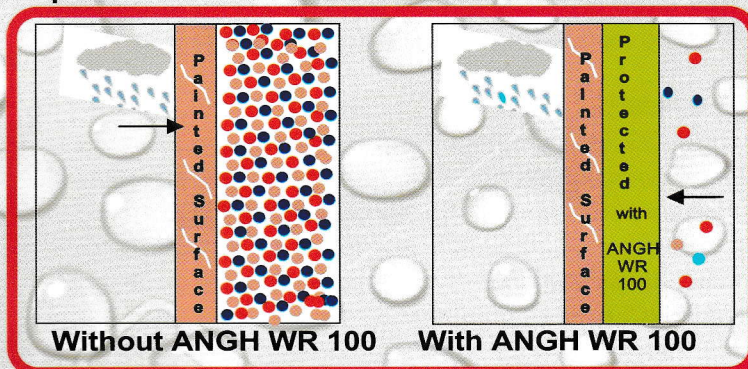
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- Good penetration and durability.
- Water thinnable, environmentally compatible.
- Resistant to aggressive air borne pollutants.
- Highly permeable to CO₂.
- Highly permeable to water vapor.
- Not a breeding ground for fungi, algae and mosses.
- Highly resistance to alkalis and salt water.
- Protection not effected by weathering or UV light.
- Ability to apply on old and new surfaces.
- No solvent required for dilution.
- Maintain paint ability.
- Excellent working bath ability.

Approved by:

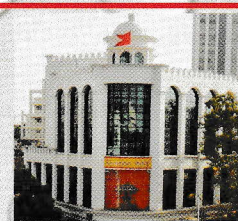


CETEC Pty Ltd AUSTRALIA.

Protect your house with ANGH WR 100 primer. A house should feel comfortable because ANGH WR 100 primer provides double protection in-side & outside.



ICT Heritage Bldg., (Matunga)



Sena Bhavan (Mumbai)



V.S. WATERTREATMENT MANAGEMENT CO.

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