



RAZON



RAZON ENGINEERING COMPANY PRIVATE LIMITED

660, Taboot Street, P.O.Box No.49, Pune-411001 [India] Ph: 91-20-26130791, 26132217
Fax:0091-20- 26130017 E-mail: razonengg@gmail.com, Website: www.razonengg.com



AN ISO 9001-2015 COMPANY **WATER REPELLANT WBWR–2023, SBWR–5000**

WBWR & SBWR are single component water repellants which can be used for preventing the ingress of water into cementitious mortars/ concretes which exhibit porosities.

Concrete is designed to be impervious, however due to limitations at large projects, we do not derive the impermeability of concretes or cementitious mortars as desired. Further efflorescence is an evidence that we can never assume that the concrete is impervious.

To overcome this situation and achieve a breathable yet impervious to water structure a penetrating coating is applied over the concrete/ cementitious mortar which provides a “Lotus Leaf” effect thus the water does not reach the substrate leaving the water incapable of wetting the concrete/ mortar.

FEATURES:-

- Non staining, non pigmented.
- Easy to apply,
- Efficacy is apparent within 24 hours.
- Protects the substrate from ingress of water
- Protects the reinforcing steel from corrosion
- Provides the original and natural appearance.
- Due to repellency action, and water’s surface tension interaction, no water ingression is allowed.

APPLICATIONS

- Use as a protective coating for under-decks of jetty
- Protective coat on abutments and piers of bridges
- Protective coat for all costal structures, even submerged.
- As an anti algae & anti fungal coating on building structures.
- As a barrier form rain ingress from walls during monsoons.
- As a coating to prevent capillary action of water in concrete/ masonry
- To prevent rising dampness in rooms, due to travelling water in the machan
- As a natural looking protective coat over ashler masonry/ stone masonry surfaces
- As a water barrier to water for exposed aggregate finish panels.

METHOD OF USE

Clean the surface which is to be treated with the repellant. Remove any existing membranes or coatings or paints, oil, grease or any oily residue if any. On the dry surface, apply one coat of the repellant by brush. For RCC surfaces, one coat is sufficient, for highly pervious substrates, coat coats may be applied wet on wet, with an interval of 30 minutes between coats. The coating requires 24 hours for setting, thus should be protected from water wash-out for 24 hours.

Packing: Available in 5 litre, 20 litre, 50 litre and 200 litre containers.

No	PRODUCT – DATA	
1	Appearance	Clear to milky liquid
2	Specific gravity	1.02
3	Toxicity	Nil
4	pH	> 7
5	Life	6 months if stored in cold dry place away from sunlight in original packing.
6	Applications	Costal structures like jetty, docks, bridges and their piers, concretes and cementitious mortars of various grades, Water proofing of bungalows, public buildings, food processing factories, pharmaceutical industry constructions, hospital buildings, hotels, etc.,
7	Diluent	Clean potable water for WBWR–2023, Thinner-5 for SBWR-5000 .
8	Coverage	WBWR 2023: 50 sq.ft.directly applied on a reasonably smooth surface. SBWR 5000: 0.75-1 brass per litre, on reasonably good surface.
9	Method of application	WBWR, SBWR, both are brushable.
10	Packing	5 ltr, 25 ltr, 35 ltr, 50 ltr, 200 ltr

OTHER PRODUCTS

Coatings: Rubberised Instant Waterproof Coating • White Water Proofer • Polyurethane Coating - GHF

Sealants : Crack Seal • Rubberised Sealer • Instaset 600 • Instaset 2000 • Instaset 2000S

Admixture: SPRMC 808 S11 B • Super Plasticizer –IWSP (M) – 101 • Super Plasticizer –IWSP (N) – 103

• Accelerator –2080 • Integral Water Proofer • IWSP –102 • I.W.P. Powder • Intrair (A.E.A) 120N •

Master Plaster MP CS 101 • Block Maker BM-10 • Rapid Grout RG –117 • Tile Master TM – 1 •

Anchorex 428 • Floor Hardner • Hycrete RJ – 608 • Brick Master • Super Paver • Pipe Master •

Toughcrete P109 • Guniting Admixture GS-942 • Non Shrink Grout Admixture NSG A-1

Other Products : Tile Fix # 1 • Tile Fix # 1A • Tile Fix SP # 1 • Strextra NSG 110 •

Strextra - NSG 2024 • Easy Grout • Water Repellent WBWR – 2023 •

Water Repellent SBWR – 5000 • Shutter Coat for Wood & Metal •

Concrete Cure Coating – 111 • Concrete Cure Coating – 103 •

P.A. Bound • P.A. Mortar TH – 4 • PA. Mortar EF – 1 • P.A. Mortar

Slurry • Marble Fix • Floor Repair Mortar • Insta Plugging Mortar •

Pipe Joint Sealer • Tile Joint Sealer [Colour] – Red, White, Black,

Brown, Ivory, Green, Grey, Pink. • Metal Protect • RZ – Polymer

ED Mortar • Special Grouting System • Anti Hack Paint (XRG) •



It is strongly recommended that site trials be conducted using site conditions and available raw materials to evaluate the product. Since site materials and conditions are beyond our control and since above suggestions and recommendations are based on our site trials and laboratory product evaluation & trials, and since methods of use at site are beyond our control. Hence, no guarantee can either be implied or enforceable