



RAZON ENGINEERING COMPANY PRIVATE LIMITED

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AN ISO 9001-2008 COMPANY ANCHOREX – 290

Generally bonding of old mortar to new mortar or bonding to smooth surface or plastering to unhacked, form finish, smooth concrete is poor. To enhance bonding between such matrix additional bonding aid is necessary. Anchorex is an admixture which enhances bonding features as well as bonding strength. Anchorex is ideal for making up jobs and gunniting.

For Construction Joints/Cold joints:

Anchorex is milky white liquid. Used primarily for bonding old-new concrete. It is poured over the receiving concrete surface just prior to the slab. This allows the formation of a highly adhesive bond.

To provide good bonding, Anchorex 290 must be coated directly over the entire surface. Apply the fresh mortar or concrete when the Anchorex is still wet and tacky. In case of smooth form finish surfaces, not hacked, one coat of Anchorex 290 may be directly applied on the concrete surface, and the concrete must be immediately poured, whilst the bonding agent is still wet. In case of delay in pouring of concrete / mortar, Another coat of Anchorex 290 may be applied and then the mortar may be placed.

For Repairs

To prepare priming for bonding on difficult to bond surface use Anchorex 290 directly.

Anchorex can also be used for rehabilitation & repairs of RCC members where the steel bars are exposed or where cover to reinforcement is lost, due to chemical corrosion or due to saline corrosion.

Scrub the exposed surface with wire brush to remove all loose material, algae, bacterial cover etc. Hack surface if necessary to remove all loose material. Brush apply Anchorex 290.

Prepare cement, sand and grit mortar using 1 part cement + 2 part sand + 3 part 5 mm grits. Add Anchorex 290 in proportion 200-500 ml per 50 kg cement & make up the entire cover lost on steel reinforcement with this material. This material must be used whilst the Anchorex 290 priming which is brush coated is still wet & tacky.

For modified cementitious mortars and concretes

Anchorex 290 improves the strengths of cementitious mortars at all ages. It is observed that Anchorex 290 at a dosage of 1000 ml per bag cement can improve the bonding; compressive strength of concrete by 10-15 %, flexural strength by 10% and tensile strength by 10% as well, against the control mix. Higher dosages can improve the properties. Anchorex 290 improves the density and impermeability of cementitious mortars.

Packing :-

Mix the contents thoroughly in the container before use. Keep the lid tightly closed after use. Anchorex is available in 1 ltr, 5 ltr, 20 ltr 35 ltr, 50 ltr, 200 ltr packing containers.

NO	PRODUCT – DATA	
1	Colour	White liquid
2	Ph	7-11
3	Specific gravity	1.02
4	Life	1 year if stored in cool dry place.
5	Shelf life after preparation of slurry or mortar.	The mortar must preferably be used within 45 minutes – 1 hour. The slurry must be used within 1 – 2 hours.
6	Corrosion & Toxicity	Nil
7	Test Report:-	Third party available as per BS 1881 (Part 207):1993
8	Pull out Test	> 0.51 MPa on 7 th day over concrete surface
9	Precautions	(i) stir the contents of the container thoroughly before using. (ii) In case ground water, well water is intended to be used check its pH, it should preferably be around 7.
10	Typical application	Repairs/Rehabilitation of R.C.C. load bearing members. Chemical warehouse, chemical factories, sea/coastal structures, Jetty's, seaport, sugar factories, dry docks rehabilitation.
11	Packing	1 ltr, 5 ltr, 20 ltr 35 ltr, 50 ltr, 200 ltr packing.

OTHER PRODUCTS

Coatings: Rubberised Instant Waterproof Coating • White Water Proofer • Polyurethane Coating - GHF 111 • Triple Layer Polyurethane Waterproof/ Thermal Coating • Primer Coat PU SG 104 • Top Coat PU ALK – 104 • Silver Coat PU 104 • Clear PU Lacquer (gloss) • Clear PU Lacquer (matt) • Coal Tar Epoxy CTE – 110 • Coal Tar Epoxy EP-10 • Epoxy Coating EC-111 • Primer Epoxy Coating PR 111 • Silver Coating SC 203 • Epoxy Floor Coating G-78 AND M-86 • Damp Proofer • Bitumenous Japan Paint 151 • Supreme Waterproof Cement Paint ARCem –101 • Premium Waterproof Cement Paint ARCem –119 • Royal Waterproof Cement Paint ARCem 1100 • Green Chromo Oxide Epoxy Primer •

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-11

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) •

Tuffar • ADMGP – 1 • P A – Resin 651XXX • Hak Safe AL 111 •

Paint Remover PR – 128 • COLGROUT Admixture CG – 101S •

Rock Splitting Grout ATC-A201 • Ready Plaster • Best Plaster Putty



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