



RAZON ENGINEERING COMPANY PRIVATE LIMITED

660, Taboot Street, P.O.Box No.49, Pune-411001 [India] Ph:26130791, Telefax: 26130017

E-mail: razonengg@gmail.com, Website: www.razonengg.com



AN ISO 9001-2008 COMPANY STREXTRA – EXG 176

Strextra EXG 176 is factory prepared expanding, chloride free, non-ferrous grout with polymer additives to impart special properties to the grout, i.e. high flowability, lower water content, shrinkage compensating features and better bonding to many construction materials and better strength. The grout mixes rapidly with cement slurry improves the “colloid” characteristics and maintains this consistency which makes grouting applications more efficient.

Once mixed in the cement slurry, depending upon the temperature and mix; 15 minutes –60 minutes are available to pour the grout into the cavity prior to the expansive action of upto 5% provided by Strextra. Grouts tend to fill the trench/ cavity more effectively due to the fluidizing action of EXG EXG 176.

The mortar may level completely with the surrounding surface on its own. The grout sets without meniscus

The grout can be used in plain cement slurries or in grout using partial replacement of cement with sand (about 50%).

The initial setting time & final setting time is not affected largely by EXG 176 to ensure optimum operational performance.

Method Of Use:

The cavity to receive the grout must be sound, free of oils/ dusts and preferably in SSD condition. Minimising the exposed area of the cavity improves the performance of the grout admixed with Strextra EXG 176.

EXG 176 is offered in 200 gm pouches; packed in 20 kg bags. To a mix of 50 kg cement + 23 ltr water add 200 gms, and mix well for about 60-120 seconds. The grout shall “rise” within about 15 minutes – 60 minutes of adding EXG 176. Additional water may be added for higher fluidity; however higher fluidity will increase the “rise” of the grout. Thereafter the grout must be poured into the cavity/ bore as usual (by gravity or pumps). Place the grout at earliest; and provide complete curing as per good construction practices, or either by curing compound or by wet hessian cloth. When sand is added in proportions > 50% additional EXG 176 shall be needed to be dosed- approx 400 gms per bag of cement should be sufficient. On much excessive dosages (> 1000 gms per bag) strength may be reduced due to higher air entrainment or “frothing” may be observed.

No	PRODUCT – DATA	
1	Colour & Consistency	Metallic Silver - Granular material
2	Packing	100 x 200 gms pouches in 20 Kg bags
3	Chloride / Iron content	Nil
4	Dosage	200 -400 gms per 50 kg cement
5	Expansion time	Gaseous expansion; between 15 mins to 60 minutes depending upon temperature and mix
6	Effect on setting	No pronounced effect
7	Yeild @ 200 gms per bag	1 bag cement slurry will yield about 37 ltrs .

8	Water addition	23 ltr water per 50 kg OPC. Further manipulation may be done depending upon workability desired for pouring the grout.
9	Life	12 months from date of manufacture. Protect from rain and moisture, protect bag against tearing, and from sharp object.
10	Typical applications	For grouting ducts, lapping between prestressed panels, bed grouting, low tensile bolt grouting etc.

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 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 Rg – 608 • Brick Master • Super Paver • Pipe Master • Toughcrete P109 • Gunning 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 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