



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 R-20

Strextra R-20 is a factory prepared, cementitious, controlled granulometric ready to use flowable grout for rapid, instant laying of repair mortars, grouting of foundation/anchor bolts, filling pits on concrete surfaces, filling of panel tie columns in precast structures, and many other such applications where high bond, compressive, flexural strength within low period of time is necessary.

Due to carefully selected & controlled use of coarse & fine aggregates, blended under controlled conditions, with polymeric additives, highly uniform, high consistency ready to use mortar, requiring mere mixing of water at site is available.

Use of controlled carefully selected granulometry, incorporation of special fast setting admixtures; 24 hours strength of 20-24 N/mm² is feasible.

The accelerated strength is main feature of Strextra R-20. Besides accelerated strength, controlled expansion offsets hydration shrinkage, ensuring no shrinkage, crevices free setting mortar, for repairs and patch up work, specially for grouting applications.

Method of use:

Empty out contents of Strextra R-20 from its bag. Mix contents thoroughly, use mechanical stirrer/ mixer for effective mixing and rheology at controlled water content. Use 14-16% water (w/w) of Strextra R-20 depending upon requirement of flow of the grout. Mix thoroughly for atleast 150 seconds and use mortar as desired, within 30 minutes. Its plastic density is approx 2200 kg/m³.

Before placing the grout, clean the area to receive Strextra R20 mortar thoroughly, ensure it is free of grease and oil. In case form work is used, ensure it is coated with SC 17000 (a release agent).

Strextra R 20 is designed to yield a strength of 20-24 N/mm² within 24 hours.

However, curing must be done by wetting and placing hussain/jute bags, 3 times a day for 12-15 days minimum. Strextra R 20 can withstand light human traffic after 24 hours, will develop 7th day strength of 40 N/mm² & final strength of 50 N/mm² at 28 days, ensuring a flexural strength of 4 MPa & 6 MPa on 7th and 28th day respectively.

NO	PRODUCT DATA	
1.	Color	Greyish
2.	Consistency	Granulometric distribution 0mm – 5mm.
3.	Packing	20 kg bags
4.	Chloride , Iron, Sulfate content	Nil
5.	24 hrs cube strength	20-24 N/mm ²
6.	28 days cube strength	50 N/mm ²
7.	Storage	Store in cool dry place.
8.	IST & FST	Initial Setting Time 35-40 min ; Final Setting Time 60/80 min
9.	'Pot' life	Must be used within 25-30 minutes after mixing
10.	Applications	Grouting of heavy machinery anchor/foundation bolts, repairs of structural concrete elements, emergency repairs of concrete roads, Tie columns of precast structures etc..



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