

SUNKOLL CONCRETE MIXTURE

Technical Data Sheet



नए भारत की नई ताकत

Naphtha Based Integral Waterproofing Liquid Admixture For Concrete & Mortar

In Compliance With
IS:2645 -2003

SUNKOLL CONCRETE MIXTURE is Minimises permeability and effectively Waterproofs Concrete & Cement sand mortars For Applications like Roof Slabs & Screeds Basements, External Plastering, Bathroom Floors, Water Tanks, Drains And All Water Retaining Bodies

How To Use



Benefits

- Liquid State Ensures Instant and Complete Dispersion and Uniform Waterproofing through out Concrete Matrix.
- Improves Workability and Compaction Of Concrete and Mortar Even In Unmonitored Site Conditions.
- Minimises Porosity and Honey Combing, Produces Dense, Homogenous, quality Concrete
- & Reduction In Permeability Of Concrete/Mortar.
Effectively Reduces Bleeding And Segregation

www.sunkoll.com

Water Proofing Chemicals | Adhesives | Grouts/Epoxy Grouts | Wall Putty

Technical Properties

Colour	Dark Brown Liquid
Chloride Content	Maximum 0.0005% (NIL).
Compatibility	Can be Used with All types of Cement, Including Pozzolanic but High Alumina/Fast setting cement.
Permeability to Water	Less than 15 % as Compared to 50% Max, All allowable Under IS:2645-2003.
Setting Time	No Significant Effect on Setting Time of Concrete Or Mortar.
Air Entrainment	Less than 1.5%
Specific Gravity	1.05, 1.10 Q, 25 C
Compressive Strength	Maintains Compressive Strength and can Even Improve on Strength Property if full Advantage of Water Reduction Potential is Utilized.
Workability	Improves Work Ability at Reduced Water Cement Ratio

Application Instructions

SUNKOLL CONCRETE MIXTURE Water Mixture shall be added to The Concrete or Mortar and mixed thoroughly. Mixing shall be Continued & Further Water shall be added Until the required work ability is obtained. The total amount of Water added per mix in the initial batches shall be maintained for the remaining batches. If the moisture content of the Sand or Aggregate changes, then the amount of water used must be Reduced or Increased to giving the original work ability.

Mortar :

- **SUNKOLL CONCRETE MIXTURE** is ideal for use with all sand/cement mortars where minimum permeability is required

Concrete :

- **SUNKOLL CONCRETE MIXTURE** is used in all general mass concrete works where, difficulty of compaction or mix control, the risk of porosity and permeability exists. Eg. Basement, Bunds walls, tanks, balcony, floor & roof slabs.

Dosage :

- The Minimum Dosage is 150ml & the maximum is 200ml per 50 kg of Cement. If maximum dosage is used a minimum of 15% water should be reduced to ensure no loss in strength. **SUNKOLL CONCRETE MIXTURE** is measured and stirred into the dosing water.

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Packaging :

- SUNKOLL CONCRETE MIXTURE is supplied in 1,3,5,10,20 and 230kg pack.

Storage :

- SUNKOLL CONCRETE MIXTURE has a minimum shelf life of 18 months, if kept in a dry store in un-opened condition

DISCLAIMER

The product information & application details given by the company & its agents has been provided in good faith & meant to serve only as a general guideline during usage. Users are advised to carry out tests & take trials to ensure on the suitability of products meeting their requirement prior to full scale usage of our products. Since the correct identification of the problems, quality of other materials used and the on-site workmanship are factors beyond our control, there are no expressed or implied guarantee/warranty as to the results obtained. The company does not assume any liability or consequential damage for unsatisfactory results, arising from the use of our products.



SUNKOLL Green Building Index :

SUNKOLL Range of Products are most eco-friendly and suitable to use in all kind of buildings including certified green. Apart from using best of international raw material for best performance, SUNKOLL procure the major raw material locally to safeguard environment.

SUNKOLL Quality & Safety Assurance

Products supplied are safe to use by any worker at site. However proper tools and safety measures must be in place for prolong working. The gloves, safety glasses and other protection measure must be followed as per local regulation.

Declaration :

All the above information and results are provided based on **SUNKOLL** internal quality test. Customer must check before using the product about performance and final expected results. **SUNKOLL** cannot be held responsible for any damage of whatsoever nature at site.

SUNKOLL INDUSTRIES LIMITED

Plot No. 62, Tarang Industrial Estate
Hadamtda Ta. Kotda Sangani N.H. 8-B
Rajkot(Gujarat) - 360 311

TECHNICAL SERVICES & CUSTOMER CARE : +91 70698 82251

TOLL FREE : 1800 890 2343

Email: sunkollindltd@gmail.com