



PRODUCT DESCRIPTION

It is a non-metallic floor hardener, which contains specially graded nonmetallic hard wearing natural aggregates. It is applied as a dry shake over freshly floated concrete to provide a durable, non-slip monolithic floor. It has been reduced use of natural sand & Water which help to protect environment.

BENEFITS

- Provides a monolithic hardening surface within the concrete matrix.
- Produces high abrasion resistant floor surface
- Provides a wear resistant surface.
- Provides high impact resistance twice that of plain concrete.
- Three times greater surface density than plain concrete which increases resistance to penetration by oil, grease, hydraulic fluids, ethylene, glycol and many industrial chemicals.
- May be used for open and continuously wet areas.
- Non-rusting and easy maintenance.
- Fast construction with minimum site costs for materials handling and nonbonding problems.
- Easy to use and economical.
- Non-slip characteristics.
- Resist's oil and grease penetration and reduces dusting.

USES

- Heavy industry.
- Power stations.
- Agricultural buildings & yards.
- Desalination plants.
- Distillation plants.
- Laboratories.
- Abattoirs.
- **Parking lots**
- Warehouse floors, loading bays and workshops.
- Steel industries.
- Railway platforms.

TECHNICAL DATA SHEET

Form	Powder
Color	Grey

Dry Density	1.31
Compressive Strength	620 Kg/cm ² @28 days
Abrasion resistance	200-300% than ordinary cement
Hardness	7 Mohs
Coverage	7.0(Heavy), 5.0(Medium), 3.0(low) kg/sq.m

METHOD OF APPLICATION

Floor Concreting

The floor concrete should be structurally sound and placed in accordance with good concrete practices. The Water: Cement ratio should be kept to a minimum consistency with the need to produce a fully compacted concrete without excess water coming to the surface. Particular care must be taken at the corners and edges of bays, hand ramming and firm trowelling being carried out to ensure that the level can be maintained throughout the subsequent trowelling operations. The floor concrete can also be vacuum dewatered

SURFACE PREPRATION

The base concrete should be of proper mix design without any floating of fine cement paste, no segregation & bleeding.

APPLICATION

The first application is made by using ½ to 2/3 of the material required for eventual and use. This is evenly broad caste on to the concrete surface. When the material becomes uniformly dark by the absorption of moisture from the concrete this application can be floated. Wooden floats or on large areas, the power trowel with disc may be used. However, that the surface is not overworked. Immediately after floating the remaining materials is thrown evenly over the surface. Again, moisture is absorbed, and the surface can be floated in the same way as before. Final finishing of the floor using the power trowel with blades can be carried out when the floor has stiffened so that damage will not be caused. Proper curing practices should be adopted after application.

CAUTION

- Contains Portland cement and silica sand. May irritate eyes and skin. Avoid contact with eyes or prolonged contact with skin. In case of contact, flush thoroughly with water.

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- Do not take internally. Silica sand may cause cancer or serious lung problems. Avoid breathing dust. Wear a respirator in dusty areas.

HEALTH & SAFETY

As with all chemicals, caution should always be exercised. Protective clothing such as gloves and goggles should be worn.

INHALATION: Inhalation of vapor or mist should be avoided. If inhaled symptoms include coughing, wheezing, laryngitis, and shortness of breath, headache, nausea, and vomiting. Immediately shift victim to fresh air, and, if needed immediately start artificial respiration. Give oxygen if breathing is labored. Get emergency medical help.

EYE CONTACT: Flush eyes with water for 15 minutes and call for medical help.

INGESTION: causes nausea, vomiting, and loss of consciousness. If accidentally swallowed do not induce vomiting rather call for medical help immediately.

SKIN CONTACT: Flush with water or soap and water till all traces have been removed. Seek medical attention if required.

STORAGE & SHELF LIFE

Shelf life is 12 months in unopened container. Store away from sunlight and preferably below 30°C. Storage should be frost protected.

PACKING

STARFIX SF 034 is available in 25 kg.

WARRANTY

The information given is based on our knowledge and performance of the material. Every precaution is taken in the manufacture of the product and our responsibility is limited to the quality of supplies with no guarantee of the results in

the field, as manufacturer has no control over site conditions or execution of work.

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.

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