



ALFAFLOOR SH

Surface hardener and dust proofing compound for fresh concrete

DESCRIPTION

ALFAFLOOR SH is ready to use quartz-silica mixture of finely graded non-metallic aggregates, additives and cement binder. It is an economical concrete floor hardener. It is particularly valuable because of its non-rusting characteristics a natural cement color.

USES

- ◆ Suitable for all floors exposed to severe mechanical wear such as
- ◆ Lobbies and waiting rooms of commercial and public buildings
- ◆ Corridors and washrooms in institutional and public buildings
- ◆ Auto showrooms and service centers
- ◆ Factory and warehouse floors
- ◆ Commercial and industrial facilities
- ◆ Restaurants and Dairies
- ◆ Platforms and Stairways
- ◆ Ramps carrying pedestrian traffic in public and private buildings
- ◆ Parking garage ramps where additional traction is necessary for entering and leaving vehicles.

ADVANTAGES

- ◆ Supplied ready to use, dry shake method
- ◆ Provides a hard, abrasion resistant surface
- ◆ Forms monolithic bond with fresh concrete base
- ◆ Hard, dense surface resistant to oils and grease
- ◆ Non-metallic aggregate - will not rust while curing or when wet

SURFACE TREATMENTS

Subsequent surface treatments are not normally necessary with ALFAFLOOR SH because of the high density, low porosity finish. Where further treatments are required please consult your local ALFALAH representative.

CURING

Proper curing of concrete floors treated with is essential to the physical properties of the finished floor, however, if the floor is to receive further surface treatments please consult your local ALFALAH representative for advise on recommended curing methods.

CLEANING

Clean tools and equipment with water after the application. Hardened ALFAFLOOR SH can only be cleaned by mechanical means.

HEALTH AND SAFETY

ALFAFLOOR SH is alkaline and should not come into contact with skin and eyes. Avoid inhalation of dust during mixing. Gloves, goggles and dust mask should be worn. If contact with skin occurs, wash with water. Splashes to eyes should be washed immediately with plenty of clean water and medical advice sought.

TECHNICAL DATA

Form	Powder
Color	Grey
Density	1800 kg/m ³
Compressive Strength	70 B / mm ² @ 28 days
Moh Hardness	7
Minimum abrasion Resistance achieved	220

STANDARDS

BS 1881 Part 116
ASTM C 779-89

PACKAGING

Supplied in	20 kg bags
Storage	Dry, Frost free, out of direct sunlight
Shelf life	12 months, when stores as above
Hazard class	No dangerous goods, observe material safety datasheet

COVERAGE

The coverage should be based on the purpose of use & traffic load. Normal coverage range is 3-6 kg/m²

TECHNICAL SUPPORT

Al Falah Chemicals provides a technical advisory service for on-site assistance and advice on mix design, product selection, evaluation trials and dispensing equipment.

CONCRETE ADMIXTURES	SPECIAL ADMIXTURE	SURFACE TREATMENTS	GROUTS & ANCHORS	CONCRETE REPAIRS
INDUSTRIAL FLOORING	SHOTCRETE	WATERPROOFING	JOINT SEALANTS & WATERSTOPS	INDUSTRIAL ADHESIVES

STORAGE / SHELF LIFE

This Product must be stored where temperatures do not drop below +5°C, If product has frozen, thaw at +5°C or above and completely reconstitute using mild mechanical agitation. Do not use pressurized air for agitation. Store under cover, out of direct sunlight and protect from extremes of temperature.

Shelf life is 12 months when stored as above.

Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging. For specific storage consult your local Alfalah representative.

PRECAUTIONS

Health and Safety

This product does not fall into the hazard classifications of current regulations. However, it should not be swallowed or allowed to come into contact with skin and eyes.

Suitable protective gloves and goggles should be worn. Splashes on the skin should be removed with water. In case of contact with eyes rinse immediately with plenty of water and seek medical advice. If swallowed seek medical attention immediately - do not induce vomiting.

For further information consult the Material Safety Data Sheet available for this product.

FIRE

This product is water based and non-flammable

STATEMENT OF RESPONSIBILITY (Disclaimer)

The technical information and application advice given in this Alfalah Chemicals publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.

NOTE

Field service where provided does not constitute supervisory responsibility. Suggestions made by Alfalah Chemicals either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not Alfalah Chemicals, are responsible for carrying out procedures appropriate to a specific application.

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American Concrete Institute