

PRODUCT DESCRIPTION

STARGROUT FIX-O-PATCH is a rapid hardening and drying, free flow mortar for repairs work. The mortar hardens rapidly to give a tremendous strength and hardness. The mixed mortar sets after 1 hour and can be trafficked after 2 hours @ 20° C - 30° C. It is a non-shrink repair grout with excellent high early and ultimate strengths. STARGROUT FIX-O-PATCH is normally placed at a pourable consistency to completely fill voids between 10mm and 40mm. It has been reduced use of natural sand & Water which help to protect environment.

BENEFITS

- Rapid setting, minimum halt of traffic Non-metallic, will not stain or rust.
- Easy to use, just add water.
- Superior freeze/thaw resistance.
- Resistant to oil and water.
- Chloride Free

USES

STARGROUT FIX-O-PATCH is used especially for industrial projects, airport areas, highway departments and machinery and turbine manufacturers far and wide or any place where deep holes and crack need to be repair

TECHNICAL DATASHEET

Appearance	Grey Free Flowing Powder
Chloride content	Nil.
Water/Powder Ratio	0.15-0.17
Compressive Strength MPa (2 Hrs.)	> 16 MPa (For 0.15 W/P Ratio)
Compressive Strength MPa (28 Days)	> 58 MPa (For 0.15 W/P Ratio)
Mixed Density	2400 ± 200 Kg/M ³

Note: - A differences may occur in compressive strength due to w/p ratio & environmental conditions.

APPLICATION OF MEMBRANE

SURFACE PREPARATION

Remove all dirt, oil, grease, and other bond-inhibiting materials by mechanical means. Anchor bolts to be grouted must be degreased with suitable solvent. Concrete must be sound and roughened to a CSP 4 or higher to promote mechanical adhesion. Prior to pouring, surface should be brought to a saturated surface-dry condition. Steel should be cleaned and prepared thoroughly by blast cleaning to a white metal finish.

MIXING

Add 1.5 to 1.7 liters of cold, clean water for 10 kg STARGROUT FIX-O-PATCH powder. Take water in the container and slowly add the powder in to the water while mixing by slow speed mixing machine and mix until a uniform, lump-free, smooth, thick consistency is achieved. Mixing should be done within 2-3 minutes and not more than that.

APPLICATION

Within 2-3 minutes after mixing, place grout into forms in normal manner to avoid air entrapment and setting.

GENERAL INFORMATION

STARGROUT FIX-O-PATCH will reach a compressive strength 160 kg/cm² within 2 hours and will increase to approximately 400 kg/cm² within 1 day.

Higher temperatures accelerate the setting time whereas lower temperatures will retard the time of reaching its compressive strength.

Repair works depend totally on correct surface preparation. We should insure that all surfaces are completely free of oil, dust, grease, paint, corrosion and any other deleterious substances. Note: Surface must be primed prior to repair. Firstly substrate which is to repair should be thoroughly soaked with clean water then applying Primer on it.

CLEANING

All Equipment and tools should be cleaned by water immediately after use.

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

STAR SPECIALTIES POLYMERS PVT. LTD.

Survey No 52/3 & 54/6-D, Daman Industrial Estate, Village - Kadaiya, Nani Daman, Daman – 396210

Ph: 91-9712925770, www.star-ind.com, Mail: -info@ssplchem.com

KSA

Tel. +996 12 677 7073

Email: - ksa@star-uae.com; web: - www.star-uae.com

UAE

Tel. +971 6 5611411

Email: - uae@star-uae.com web: - www.star-uae.com



STAR GROUT FIX-O-PATCH

Rev. No./SSPL-1222/02

Product Data Sheet



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

6 months unopened bags when kept in dry conditions at a temperature between 5°C to 30°C. Storage at cool dry place under shed away from heat.

PACKING

STARGROUT FIX-O-PATCH Available in 10 kg bags.

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.

STAR SPECIALTIES POLYMERS PVT. LTD.

Survey No 52/3 & 54/6-D, Daman Industrial Estate, Village - Kadaiya, Nani Daman, Daman – 396210

Ph: 91-9712925770, www.star-ind.com, Mail: -info@ssplchem.com

KSA

Tel. +996 12 677 7073

Email: - kas@star-uae.com; web: - www.star-uae.com

UAE

Tel. +971 6 5611411

Email: - uae@star-uae.com web: - www.star-uae.com