



## PRODUCT DESCRIPTION

**STARBOND STARPLEX** is water reducing liquid with Air Entering admixture for concrete and cement mortar. The product enhances the workability and reduces water consumption considerably. It has good plasticizing properties, makes concrete cohesive and prevents segregation. Air entering Admixture. Apart from reducing the water cement ratio, **STARPLEX** will improve performance characteristics of hardened concrete: higher compressive strength and modulus; lower permeability, shrinkage and creep.

## BENIFITS

- Suitable for use with all types of sand and cement normally employed in mortar manufacture.
- Improves workability & compaction
- Reduces water content thereby enables preparation of high-grade concrete with the same composition.
- Provides surface finish free from sand runs or blemishes
- Makes the concrete more durable and permeable and given the strength.

## USES

**STARPLEX** is formulated for use by commercial ready- mix operators, who can benefit from its multiple role characteristics by minimizing admixture stock. Used for high strength concrete.

## TECHNICAL DATA SHEET

Appearance	Liquid
Specific Gravity	1.03 ± 0.2
Color	Dark Saffron
Chloride Content	<1%
Solid Content	12-14%
Compatibility	With all cement and admixture

## METHOD OF APPLICATION

Approximate dosage is 100 ml /50kg cement. Higher dosages are recommended for certain combinations of materials and conditions & when water reduction in excess of is required. In all cases, trial mixes should be carried out to determine the

optimum dosage required to achieve the desired cement property.

## COMPATIBILITY

**STARPLEX** is compatible with all types of Portland cement including SRC and modified Type II.

## 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 until all traces have been removed. Seek medical attention if required.

## SHELF LIFE & STORAGE

Stored in well-sealed containers **STARBOND STARPLEX** will keep satisfactorily for 18 months from date of manufacture. Store away from direct sunlight in cool dry places.

## AVAILABLE PACKING

Available in 500 gm, 1kg,5kg,10kg,20kg,50kg,200kg

## 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.

## 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](http://www.star-ind.com), Mail: [-info@ssplchem.com](mailto:-info@ssplchem.com)

KSA

Tel. +996 12 677 7073

Email: - [ksa@star-uae.com](mailto:ksa@star-uae.com); web: - [www.star-uae.com](http://www.star-uae.com)

UAE

Tel. +971 6 5611411

Email: - [uae@star-uae.com](mailto:uae@star-uae.com) web: - [www.star-uae.com](http://www.star-uae.com)



# STARBOND

## STARPLEX

Rev. No./SSPL-1222/02

### Product Data Sheet



## 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](http://www.star-ind.com), Mail: [-info@ssplchem.com](mailto:-info@ssplchem.com)

### KSA

Tel. +996 12 677 7073

Email: - [ksa@star-uae.com](mailto:ksa@star-uae.com); web: - [www.star-uae.com](http://www.star-uae.com)

### UAE

Tel. +971 6 5611411

Email: - [uae@star-uae.com](mailto:uae@star-uae.com) web: - [www.star-uae.com](http://www.star-uae.com)