

PRODUCT DESCRIPTION: FIBCON 412/PC is a super-plasticizer specifically designed for the production of soft plastic concrete with high early strength characteristics .The special Formulation of FIBCON 412/PC optimizes the dispersion of the binder and at the same time improves the Concrete consistency and cohesion.

AREAS OF APPLICATION

FIBCON 412/PC is suitable for the production of concrete mixes which require high early strength development, powerful water reduction etc.

- Precast concrete
- Concrete with high water reduction
- High strength concrete
- In situ concrete requiring fast stripping time
- Self-compacting concrete

ADVANTAGE

FIBCON 412/PC
(HIGH-PERFORMANCE SUPERPLASTICIZER)

- Improved workability without increased water content
- Allows easier compaction leading to denser concrete with superior finish
- Reduced shrinkage
- Improved water tightness
- Chloride free-does not attack reinforcement.

APPLICATION

Application Details

Consumption Dosage : 0.2% to 0.8% by weight of cementitious marital. Actual dosage to be finalized on the basis of site trials.

Application Instructions

Dispensing :

Fibcon 412/PC liquid should not be dispensed directly into the dry cement, prior to its addition to the aggregates. Where overdosing accidentally occurs, apart from retardation of the initial set no detrimental effect will take place.

CLEAN UP

Clean all tools immediately after use with water. Do not allow material to harden. Any hardened material will need to be removed mechanically.

TECHNICAL SPECIFICATIONS

Appearance	Light Yellow to Light Brown
Chemical Basis	Modified poly carboxylate
Specific Gravity	~1.08 At 30 degree Celsius
Chloride content	as per IS:456

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control. For all other data please refer to our MTC issued with product supply.

PACKAGING

FIBCON 412/PC available in 5 kg can and 200 kg barrel.

STORAGE

12 months from date of production if stored properly in undamaged unopened, original sealed packaging, in dry conditions at temperature between +5 degree Celsius and +50 Celsius Protect from direct sunlight and frost.

PRECAUTIONS

During mixing and application the following precautions should be observed: ensure adequate ventilation and avoid contact of the material with the eyes, nasal passages, mouth and unprotected skin. Avoid contact with the hands by wearing protective gloves, if necessary, a suitable barrier cream. In case of contact with the eyes, rinse immediately with plenty of water and seek medical advice and after contact with the skin wash immediately with plenty of soap and water (do not use solvents). Prolonged contact with the skin should be avoided, especially where the user has an allergic reaction. Always wear gloves and eye/face protection as necessary. Observe personal hygiene, particularly washing the hands after work has been completed or at any interruption whilst work is in progress. Care should be taken when removing gloves to avoid contaminating the insides. In case of accidents seek medical advice.

FIBCON 412/PC

A high – performance, PCE based super plasticizer Admixture

Product # 114.99
Version no: 16.11.23

Tech Data

DISPOSAL / SPILLAGE

Spillage of any of the component products should be absorbed onto sand or other inert material and transferred to a suitable disposable vessel. Disposal of such spillage or empty packaging should be in accordance with local waste disposal authority regulations.

NOTE

The information supplied in this datasheet is based upon extensive experience and is given in good faith in order to help you. Our company policy is one of continuous Research and Development; we therefore reserve the right to update this information at any time without prior notice. We also guarantee the consistent high quality of our products; however as we have no control over site conditions or the execution of the work, we accept no liability for any loss or damage which may arise as a result thereof.

/HEALTH AND SAFETY

This material is intended to be used by trained professionals with proper equipment's. The following safety measures are recommended:

- Wear protective gloves, clothing, goggles, hearing protection for noise reduction and hard hats for falling debris.
- Do not eat, drink or smoke while in active contact with these materials.
- Avoid skin contact.
- Wash hands thoroughly with soap and cool water.
- Never wash the skin with a solvent.
- Anyone experiencing difficulty breathing when working with these materials or showing an allergic reaction should seek fresh air immediately and consult a physician if symptoms persist.

DISCLAIMER:

Fibrex Construction Chemicals PVT LTD products though are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale, copies of which may be obtained on request. Fibrex Construction Chemicals wishes to clarify that any advice, recommendation, specification or information is accurate and correct, though it cannot, at any time assume any liability either directly or indirectly arising from the use of its products. This is because it has no direct or constant control over where or how its products are applied, and whether or not in accordance with the advice specification, recommendation or information given by it.

FIBREX OTHER PRODUCTS – WE DO

