

PRODUCT DESCRIPTION: FIBCON M-200 is a high range water reducing admixture based on Sulphonated Melamine Formaldehyde condensate product. It may be added to the concrete at the job site or at the ready mix concrete plant. No chloride are used in its formulation, consequently, it is recommended for pre-stressed concrete.

AREAS OF APPLICATION

- High performance concrete
- Highly slump, flowable concrete
- General ready mix concrete
- Heavily reinforced concrete
- Low water/Cement ratio concrete
- Flatwork and mass concrete
- Pumping concrete.

ADVANTAGE

- Produces low water cement ratio
- Aids in concrete placement and reduces labour cost.
- Substantial improvement in workability without increased water or the risk of segregation.
- Remarkable increase in both early and ultimate strengths.
- Long term slump retention.
- No excessive air entrainment.
- Improved durability, density and impermeability with better surface finish.
- Early deshuttering.
- Produces dense concrete and hence improves waterproofing characteristics.

APPLICATION

APPLICATION METHODOLOGY

Add FIBCON M-200 to the dosing water. It should not come into contact with dry cement. Dosing - Charge all concrete material in the proper order into the mixer with about 70% of the mixing water and mix for three minutes. Add rest quantity of water with admixture to obtain the required slump and mix for three additional minutes. Use FIBCON M-200 at the rate of 0.2% to 2% by weight of cement.

DOSAGE

0.2% - 2% by weight of cement/binder. However, higher dosage upto 3% can be used for neat cement grouting. Appropriate dosage is dependent on the type of effect sought, aggregate quality, quality & quantity of cement, sand grading, w/c ratio, ambient temperature & humidity etc. So, it is better to carry out trial mixes before determining the dose.

TECHNICAL SPECIFICATIONS

Chemical Basis	Melamine sulfonate based
Density	1.18 -1.20 g/cc
Chloride content	as per IS:456
Dose	0.2% - 2% by weight of cement/binder

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.

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.

PACKAGING

FIBCON M-200 available in 5 kg can and 200 kg barrel.

STORAGE

Store the material at temperatures between + 10° C and + 45° C in originally sealed packages, the material can be stored for 6 months. But before opening the drums, be assured that the temperature of the materials has the ambient temperature to avoid condensation. Open containers of material should be used quickly to avoid moisture contamination.

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 M-200

Melamine based high range water reducing super plasticizer

Product # 114.100
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

