

REMICRETE[®]-F4 (FM)

HIGH EFFICIENCY SUPERPLASTICIZER FOR READY-MIX AND PRECAST CONCRETE

Product Description:

REMICRETE[®]-F4 (FM) is a concentrated superplasticiser for low w/c concretes or where highly flowable mixes are required without affecting setting times. Based on naphthalene sulphonate, REMICRETE[®]-F4 (FM) will result in better dispersion of cement agglomerates and optimal wetting of cement particles. REMICRETE[®]-F4 (FM) is particularly suited for the production of ready mix and pre-cast concretes.

Advantages:

- Results in homogeneous mix and pumpability.
- Significant initial and final strength gains.
- Ability to highly reduce w/c ratios.
- No adverse effect on setting times.
- Does not entrain air.
- Easy finishing of surfaces – no stickiness.

Technical Properties:

Base	: naphthalene sulphonate dark.
Colour	: brown.
Form	: liquid.
Density @ 20°C	: 1.20 g/cm ³
Processing temperature	: >5°C.

Compliance:

As superplasticiser according to DIN EN 934-2:T3.1&3.2 in preparation.

Dosage Range:

0.2 - 3.0 % by weight of cement. (0.17 - 2.50 litre for each 100 kg of cement) The final dosage quantity depends, among others, on the reactivity of the cement and the concrete recipe. This must be determined by suitability trials. In case of overdosing, consult our local agent or our technical office. Suitability tests according to valid standards and norms should be carried out prior to usage.

Instructions for Uses:

REMICRETE[®]-F4 (FM) should mainly be added to the ready mix as the last component. Sufficient final batching times shall be allowed. When dosed in truck mixers on the job site, a good dispersion must be cleared. Guidance value for batching time: 1 minute per m³ of concrete (at least 5 minutes). Suitability tests accord. To valid standards and norms should be carried out prior to usage.

Estimating & Supply:

REMICRETE[®]-F4 (FM) is supplied in 20, 210 and 1000 liters upon request.

Cleaning & Supply:

Regular water flushing of dispensing equipment will prolong service life and reduce breakdowns. Use REINIT-BM on internal metal surfaces subject

to contact with concrete in concrete mixers, batch plants and truck mixers regularly to prevent concrete crust formations. Use REINIT-R to remove hardened concrete crusts.

Storage & Shelf-life:

REMICRETE®-F4 (FM) has a shelf-life of 12 months when stored at +20°C in original, unopened containers, free from frost. Always re-cap to avoid dirt contamination.

Health & Safety:

Please adhere to the Material Safety Data Sheet (MSDS).

