

AFEC e.r.m.a ltd

MC-3

ADMIXTURE FOR CLSM

AFEC MC-3 is a ready to use liquid admixture designed to increase the air content of controlled low strength material (CLSM)

AFEC MC-3 may be used with set controlling and modifying admixtures.

AFEC MC-3 should only be used in Controlled Low Strength Material (CLSM) with pre-determined hardened properties

PRIMARY APPLICATIONS

- Back-fill applications
- Utility excavations
- Building excavations
- Pipe bedding
- Electric cables / Optic wire placing
- Road base
- Street and highway surfaces

FEATURES / BENEFITS

- Easy to excavate due to controlled low strength
- Non-bleeding
- Volume stable installation due to reduced settlement
- High flow reducing labor costs
- Economical, reducing machinery costs
- Self compaction - no vibration
- 100% modified **ASSTHO** equivalent

APPEARANCE

AFEC MC-3 is a brown colored material.

DIRECTIONS FOR USE

Compatibility:

AFEC MC-3 is compatible with most other concrete admixtures such as set retarders and set accelerators.

Contact your **AFEC** representative for details and mix recommendations.

Usage Information:

The addition rate of **AFEC MC-3** should be 300 g /m³ per cubic meter of material

AFEC MC-3 should be loaded in to the mixer with the initial water.

After addition of **AFEC MC-3** mix for a minimum of 7 minutes at mixing speed.

After this process add the cement and other pozzolanic material and mix at mixing speed for 2 minutes.

All dry material should then be loaded to the mixer with the addition of remaining water.

The target final slump should be 7" to 9" (170-230 mm).

Expected air contents should be in

The 25% to 35% range depending on the properties of the dry material (sands).

Material mixes should be adjusted for yield dependent on Air content.

CLSM Mixes:

AFEC MC-3 material mixes should be designed using local material to meet specific job site specifications.

Contact **AFEC** technical team for a help in proportioning CLSM mixes.

Typical mix designs of CLSM using **AFEC MC-3** are available by contacting the **AFEC** technical team.

PRECAUTIONS / LIMITATIONS

Do not let **AFEC MC-3** to freeze or over heat

The use of **AFEC MC-3** in conventional concrete is prohibited.

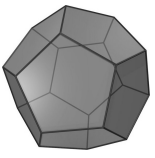
SHELF LIFE

2 years in original, unopened containers

PACKAGING

AFEC MC-3 is packaged 2 liter and 20 liter containers

AFEC MC-3 should be stored at temperatures above 4°C.



AFEC e.r.m.a ltd