



MEGA ADD-MIX 604

RETARDER PLASTICIZER CONCRETE
ADMIXTURE

PRODUCT DESCRIPTION

MEGA ADD-MIX 604 is a modified lignin based admixture for effecting controlled retardation in setting of concrete as well as a reduction in water demand.

ADVANTAGES

- Slow down the setting of concrete in high ambient temperature
- Large pours - to prevent 'cold joints'
- Delays between mixing and final compaction
- Long delivery hauls.
- Ready mix concrete
- Increase durability

FUNCTION

MEGA ADD-MIX 604 increases the setting time of concrete and mortar as well as increases its ultimate compressive strength by reducing water content in the mix, to a certain extent.

METHOD OF USES

MEGA ADD-MIX 604 can be directly added into the mix at the same time as the gauging water. Reduce water dosages for required consistency.



USES

MEGA ADD-MIX 604 is specifically formulated concrete admixture, which extends the time during which concrete remains workable. The initial and the final setting time of the cement and consequently, the slump retention of the concrete are extended in the accordance with the amount of MEGA ADD-MIX 604 added to the mix.

MEGA ADD-MIX 604 significantly reduces amount of water added in the concrete mix, thus increasing the compressive strength of the concrete.

COMPATIBILITY

MEGA ADD-MIX 604 may be used with most Portland cements including blended cements and sulphate resisting cement. MEGA ADD-MIX 604 has no harmful effect on reinforcing steel, pre-stressing tendons etc. MEGA ADD-MIX 604 is very effective in concrete containing pozzolanic material such as fly ash, silica fumes and slag. MEGA ADD-MIX 604 can be dispensed into any of concrete material except cement but preferably into the water. It is compatible with other admixtures; however, each admixture should be added to the mix separately.

SPECIFICATION COMPLIANCE

Conforms to ASTM C 494 - 98 Type B

RECOMMENDED DOSAGE

The degree of retardation depends on the amount of MEGA ADD-MIX 604 added to the mix. Usually a dosage of 200-600ml per 50 kg cement will be suitable, but in higher temperature or where long retardation is required, it may have to be increased depending on the desired parameters of fresh concrete. Larger doses might result in proportionately increased setting time and workability.

EFFECT OF OVER DOSAGE

- A severe over dosage of MEGA ADD-MIX 604 will result in the following:
- Retardation of initial and final set.
- Slight increase in air entrapment.
- Increase in workability.
- If properly cured, the ultimate strength of the concrete will not be adversely affected and will generally be higher than the normal concrete.

TECHNICAL INFORMATION

Form	: Liquid	Chloride Content	: Nil to BS5075:1982
Color	: Dark Brown	Nitrate Content	: Nil
PH	: 4-6 approx.	Flash Point	: Nil
Specific Gravity	: 1.06 + 0.01	Air Entertainment	: 1-2%

PACKING & STORAGE

MEGA ADD-MIX 605 is available in 210 Liters Drum & 1000 Liters Bulk Tanks and has a minimum shelf life of 12 months provided it is stored under cover, out of direct sunlight.

CLEAN UP

Materials are difficult to remove when set. Clean tools and equipment before the material set.

VALUE BASE

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.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the product uses.

HEALTH AND SAFETY INFORMATION

It is physiologically non hazardous once cured. However, follow standard Health & Safety Procedures when handling the product and wear gloves and face / eye protection. Avoid eye and skin contact. If skin contact occurs, wash with plenty of water and soap. In case of eye contact rinse with plenty of water and seek medical advice.

Non reacted material should only be disposed to special designated sites. It is better to let the product react with water to form foam before disposal in landfill sites.

The information given here is true, represents our best knowledge and is based not only on laboratory work but also on field experience. However, because of numerous factors affecting results, we offer this information without guarantee and no patent liability is assumed. For additional information or questions, please contact your local representative.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Mega Sealers products, are given in good faith based on Mega Sealer's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Mega Sealer's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Mega Sealers reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

*In case of any query or technical assistance, please feel free to contact us on following numbers mentioned below.
Our dedicated customer support team will be happy to assist you.*



Scan QR Code to find complete range of our products, services, technical data sheets, and updates.



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