



MEGA ADD-MIX 605

HIGH RANGE WATER REDUCING & SET RETARDING
SUPER PLASTICIZER FOR CONCRETE

PRODUCT DESCRIPTION

MEGA ADD-MIX 605 is a water reducing, highly effective super plasticizer with a set retarding effect for concrete in the area where required delays concrete setting time. It has also high range water reducing for promoting high early and ultimate strengths of concrete.

MEGA ADD-MIX 605 is naphthalene-based super plasticizer compounded by some of high-performance retarder, stabilizer and reinforcing admixtures etc.

ADVANTAGES

- Has a high efficiency water-reducing, retarding in the initial setting and early strength in final setting, late enhanced, less slump loss etc. which is extremely beneficial to the transport and to pouring of concrete.
- Hot weather concreting where controlled delay to initial set is of prime importance.
- Increases initial workability. High ultimate strengths.
- The concrete of compressive strength, flexural, tensile, impermeability and durability are significantly improved and enhanced.
- The concrete setting time prolong 1-3hours, it can also be adjusted according to the user's demand. It has not affected.
- The strength growth of concrete at different time.



USES

High-Strength Concrete Production: Essential for creating high-performance concrete in applications that demand exceptional compressive strength, like load-bearing structures in high-rise buildings and bridges.

Mass Concrete Applications: Ideal for large pours like foundations and retaining walls, where controlled heat and setting time help prevent cracks and maintain structural integrity.

Temperature Flexibility: Suitable for a wide temperature range (5–40°C), making it versatile for projects in varying climate conditions, from cold weather pours to hot environments.

Extended Working Time: Provides delayed setting, which is beneficial in projects that require additional time for finishing, allowing for smoother placement and finishing in large pours or complex structures.

Compatibility with Specialized Cement: Effective in mixes with industrial waste cement or alternative materials, such as anhydrite or slag, although preliminary testing is advised to ensure optimal performance.

Water Reduction: Enables lower water content in the concrete mix, enhancing density and durability while reducing the likelihood of shrinkage cracks.

Enhanced Durability: Improves long-term durability of concrete, making it suitable for infrastructure exposed to harsh conditions, like roads, tunnels, and marine structures.

Improved Workability: Enhances the flow and placement of concrete, beneficial for projects requiring complex or intricate forms without compromising strength.

SPECIFICATION COMPLIANCE

It complies with ASTM C 494 Type A, D & G

TECHNICAL INFORMATION

FORM	:	Liquid
COLOUR	:	Dark Brown
SPECIFIC GRAVITY	:	1.05
FREEZING POINT	:	0 0C
CHLORIDR CONTENT	:	Chloride Free

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.

SELF LIFE

12 months in sealed container.

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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