

ADIPLAST-M

WATERPROOFING ADMIXTURE FOR MORTAR AND CONCRETE

Product Description:

ADIPLAST-M is a ready-to-use powder admixture specifically designed for the production of water-resistant mortars & concretes.

Primary Uses:

ADIPLAST-M is a normal setting waterproof powder for producing integrally watertight mortars and concretes. The risk of moisture damage is greatly reduced by the addition of ADIPLAST-M, considerably extending the life expectancy of the structure.

Advantages:

- Increased watertightness & reduced permeability.
- Enhanced workability.
- Increase resistance to aggressive conditions.
- Reduced water absorption.
- Increased compressive strength.
- Improves anti-corrosive properties of mortar/concrete.
- Chloride free.

Typical Properties:

Consistency : powder.
Colour : grey.

Product Preparation:

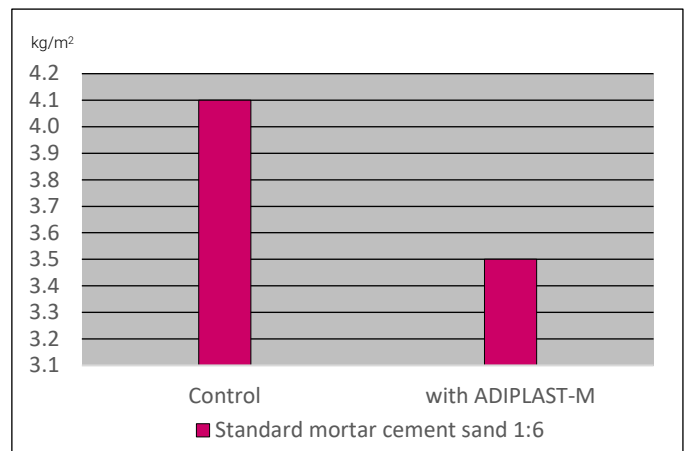
Add ADIPLAST-M to the sand-cement mixture in appropriate dosage and pre-mix intensively before water addition. Due to its plasticising effect, Appropriate water reduction must be taken into consideration. Depending on the type of mixer a mixing time of approx. 2-3 minutes is required.

Test Results:

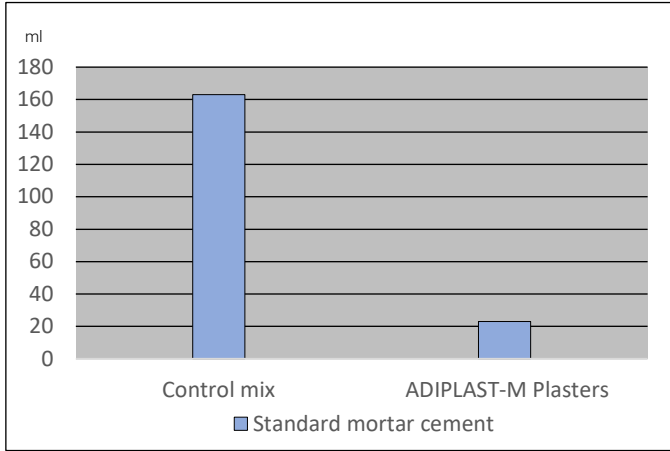
Test conditions: cement: mortar 1:6

(Cement: Standard Sand) Dosage 2% by weight of cement initial slump approx. 15 mm storage +20°C/ 6.5% relative air humidity.

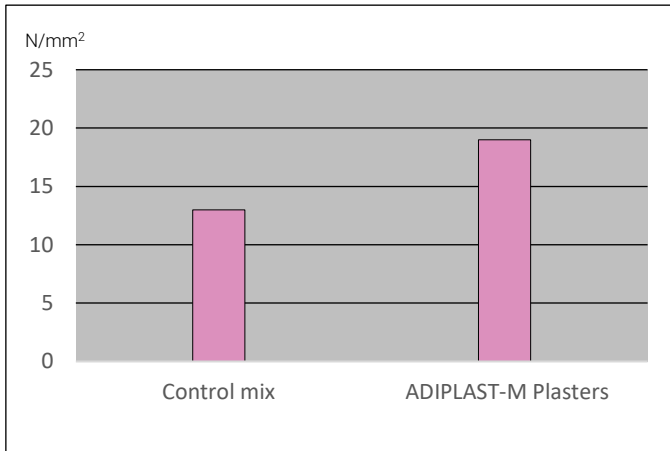
Capillary water absorption at 24 hours:



Hydrophobication, water absorption at 24 hours:



Compressive strength at 28 days:



Storage & Shelf Life:

Use immediately once opened. Lasts 12 months when stored in a well-ventilated & dry condition away from direct sunlight in its original unopened packaging.

Important Notes:

- Proper aggregate selection is required. Trial mixes to assess compliance with project requirements.
- Only suitable for non-reinforced concretes.

Please observe valid EU Material Safety Data sheets.

Estimating & Supply:

Consumption:

- Concrete : max. 1% by weight of cement (approx. 500 g per 50 kg cement bag).
- Cement mortar : max. 2% by weight of cement (approx. 1 kg per 50 kg cement bag).
- Packaging : 1 and 20 kg packs.

