



Technical Data Sheet

ADIPLAST-M

Art.-No. 2 02444

Waterproofing admixture for mortar and concrete

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 addition of ADIPLAST-M, considerably extending the life expectancy of the structure.

Advantages:

- Increased watertightness & reduced permeability.
- Enhanced workability.
- Increases 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

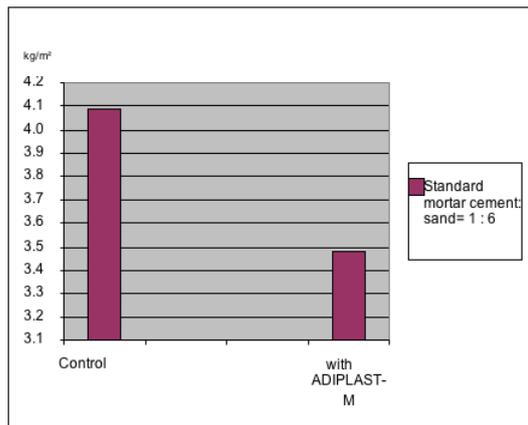
Product preparation:

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

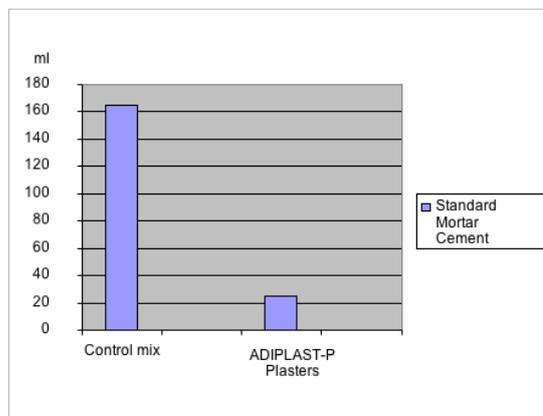
Test results:

Test conditions: cement: mortar 1:6
 (Cement:Standard Sand)
 dosage 2% by weight of
 cement initial slump approx.
 1.55 mm storage +20° C/
 65 % relative air humidity

Capillary water absorption at 24 hours

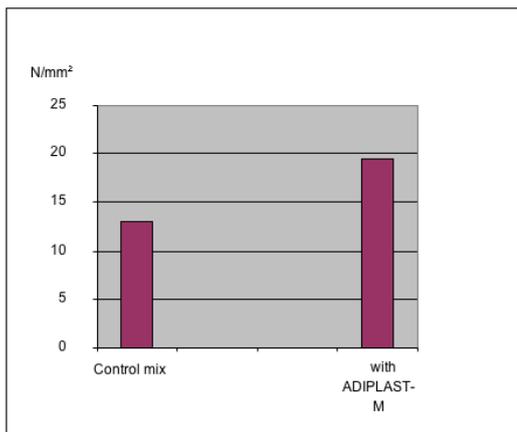


Hydrophobication, water absorption at 24 hours



ADIPLAST-M

Compressive strength at 28 days



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

Storage & Shelf Life:

Use immediately once opened. 12 months when stored in well ventilated & dry conditions away from direct sunlight in original unopened packs.

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 safety data sheet.