

PRODUCT DATA SHEET

POWER ADIPLAST-125

Waterproofing admixture for mortar and concrete

Description:

POWER ADIPLAST-125 is a ready to use powder admixture specifically designed for the production of water re-sistant mortars & concretes.

Primary Uses:

POWER ADIPLAST-125 is a normal setting waterproof powder for producing integrally watertight mortars and concretes. The risk of moisture damage is greatly reduced by addition of POWER ADIPLAST-125 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:

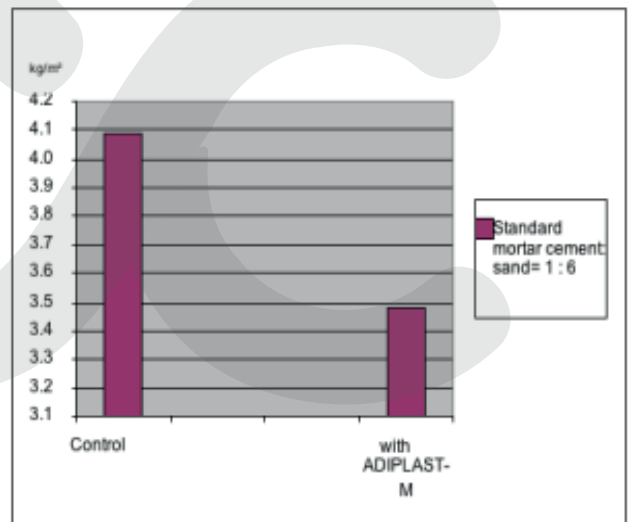
Add POWER ADIPLAST-125 to the sand-cement-mixture in appropriate dosage and pre-mix intensively before water addition. Due to its plasticising effect the appropriate water reduction must be taken into consideration. Depending on type of mixer a mixing time of approx. 2-3 minutes is required.

Test results:

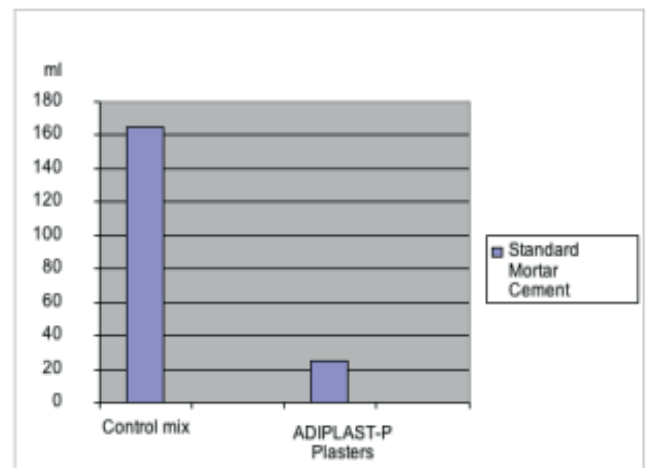
Test conditions: cement: mortar 1:6

(Cement:Standard Sand)
dosage 2% by weight of
cement initial slump approx.
155 mm storage +20° C/
65 % relative air humidty

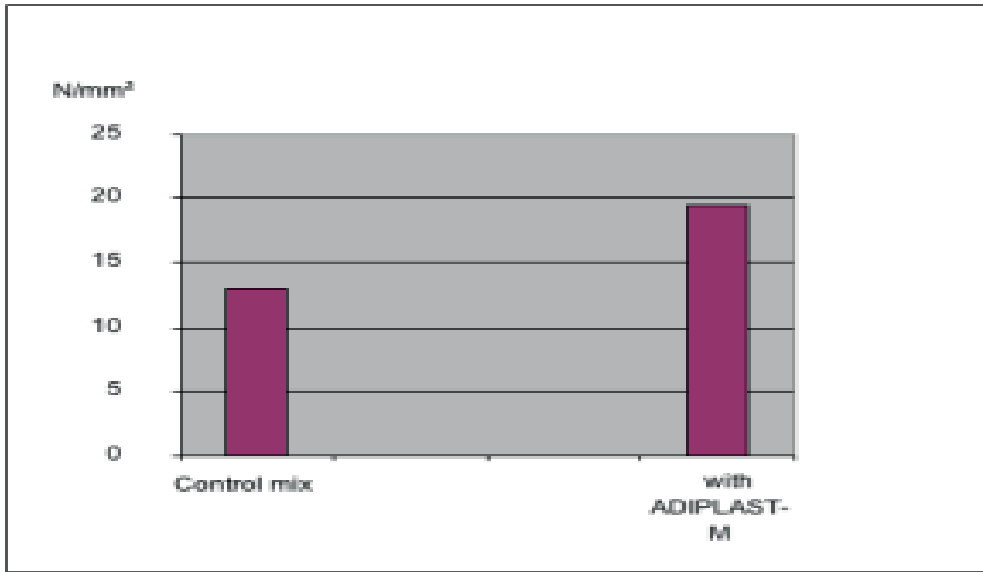
Capillary water absorption at 24 hours



Hydrophobication, water absorption at 24 hours



Compressive strength at 28 days



Estimating & Supply:

Consumption:	max. 1 % by weight of cement
Concrete:	(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 asses compliance with project requirements.
- Only suitable for non-reinforced concretes

Please observe valid EU safety data sheet.