

High quality additives for the preparation of mortars, renders and concretes





Even the ancient Romans improved the properties of mortars through the addition of dry and liquid additives.

The reduction of water permeability, hydrophobicity, air entrainment and the improvement of compressive, tensile and flexural strengths are desired property profiles for additives that find applications in the everyday preparation of mortar and render mixes as well as concrete.

With the product range **AQUAFIN®-LATEX-M**, **ADIPLAST** and **ASOLIT** we have converted over 60 years experience in the preparation of system construction materials to the requirements of modern additives.

Simple application and dosing tolerance make these products into a dependable companion for all tradesmen on the building sites of the world.



**High quality additives,
produced with the latest technology...**

ADIPLAST-M and -P

Areas of application:

Waterproofing agent for the preparation of high quality mortars, renders and concrete.

The addition of ADIPLAST-M and P reduces the risk of moisture damage and considerably increases the lifetime of structures.

Properties:

- Powder form dry mix, chloride free
- Improves the resistance to aggressive influences
- Plasticizing effect
- Reduces water absorption
- **ADIPLAST-M:**
Increases the waterproof properties and compressive strength of mortar/concrete
- **ADIPLAST-P:**
Improves the weather resistance of renders, increases the number of air voids

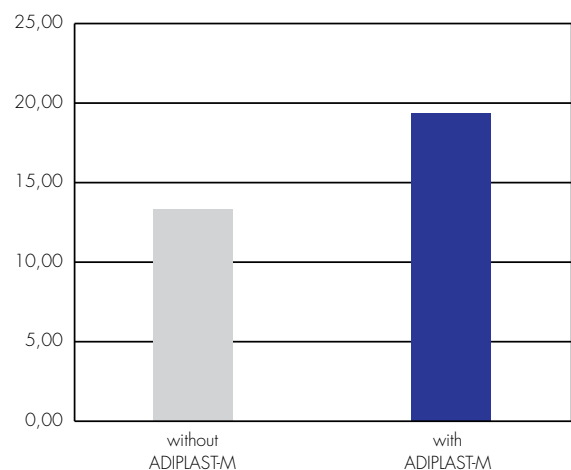
Advantages:

- Simple dosage
- Proven water reduction when preparing mortars and concrete
- Lower consumption (max. 2% of cement)
- Improves workability

Product preparation:

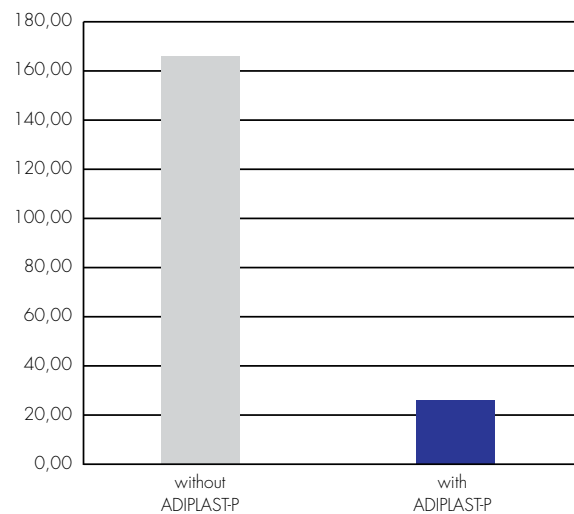
- Always pre-blend well with the dry binder!
- Consumption min. 500 g per 50 kg cement
- Application temperature: +5° to +35 °C

Compressive strength* after 28 days



* Compressive strength in N/mm²

Capillary water absorption*



* Measured over 24 hours

....guarantees a consistently high quality for mortars and renders prepared on site.

Especially easy preparation of site compatible and long lasting mortars and concrete....

ASOLIT-LP/K

(mixed oil concentrate and lime replacer)

Areas of application:

Lime replacement and air entrainer for the preparation of robust mortars and concrete for exterior and interior renders, screeds, masonry mortars, concrete blocks, pavement flagstones, bulk concrete in civil underground engineering.

Properties:

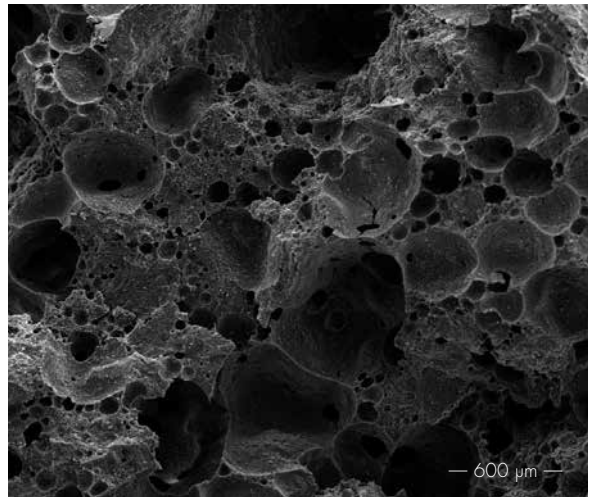
- Forms air voids in mortars
- Replaces slaked lime
- Plasticizing function
- Increases frost and weather resistance

Advantages:

- Simple dosage
- Reduces water demand
- Noticeably improves the application properties

Product preparation:

- Add appropriately to the gauging water
- Consumption in concrete:
min. 50 g per 50 kg cement
- Consumption in mortar and render:
min. 100 g per 50 kg cement
- Application temperature: +5° to +35° C



....for a secure application with little time and effort.

**Water resistant and tough solutions
for all circumstances...**

AQUAFIN®-LATEX-M

Areas of application:

Handling compatible bonding emulsion for the preparation of high quality concrete, mortar and render.

The addition of AQUAFIN®-LATEX-M considerably extends the lifetime and durability of modified mortars and concrete mixes.

Properties:

- White liquid, solvent free
- Suitable for interiors and exteriors
- Reduces water absorption

Advantages:

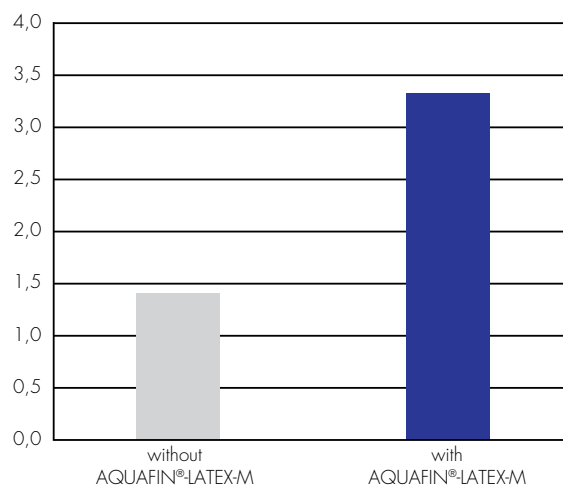
- Simple dosage to the gauging water
- Increases the elasticity and raises the flexural strength
- Large increase in tensile adhesion
- Reduces water permeability especially in concrete
- Minimises the shrinkage behaviour
- No premixing required

Product preparation:

- Dilution with water at a ratio 1:1 to 1:5 dependant on application area and subsequent addition of mortar
- Adhesion promoter for mortar/concrete: 1:1 to 1:3
- Renders: 1:2 to 1:4
- Screeds: 1:3 to 1:5
- Jointing and grouting mortars: 1:8
- Protective coating for fresh concrete: 1:2, spray applied



Tensile adhesion strength* after 28 days



* Tensile adhesion strength in N/mm²

...with higher security and the best efficiency.

The SCHOMBURG Group develops, produces and markets high quality building product systems for

- Construction waterproofing
- Construction restoration
- Tiles/natural stone installation
- Screed installation
- Civil engineering
- Surface protection
- Concrete technology

SCHOMBURG is recognised for its development competency and is distinguished both nationally and internationally with over 75 years in the market. System based construction products from its own production plants are held in high esteem throughout the world.

Industry professionals value the level of service provided by the SCHOMBURG Group, along with our large range of high quality products.

In order to stay at the forefront of a continuously advancing market we are always investing in research and development of new and current products. This guarantees high quality products, which in turn leads to customer satisfaction.



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