

Concrete and Mortar Admixtures**AQUAPLUS[®]**

Waterproofing Mortar and Screed Admixture

DESCRIPTION

Mortar and screed admixture that allows ease of application by increasing **waterproofing** and workability of **plaster** and **floor** screeds.

APPLICATION AREAS

- Tunnels and channels,
- Water tanks,
- Indoor and outdoor plaster,
- Concrete blocks,
- Swimming pools,
- Floor screeds.

TECHNICAL PROPERTIES

Appearance	Yellow colored liquid
Liquid Density	~ 1.02 kg/L
pH	11 – 12 (20°C)
Viscosity	~ 20 seconds (20°C)
Amount of Chloride and Nitrate	None
Freezing Point	< 0°C

ADVANTAGES

- Increases water impermeability by entraining air and diminishing the formation of capillary voids and water channels in the mortar and the plaster.
- Increases resistance of plaster against rain water and freeze-thaw cycles.
- Protects the plaster from weather conditions.
- Prevents capillary cracks and bubbles.
- Due to its plasticizing effect it decreases water amount of the mixture.
- Increases workability.
- Decreases the segregation and efflorescence effect observed in mortars without admixture.
- Economical, there is no need to use lime to provide plasticity or to increase volume in the plaster.

CONSUMPTION

0.5 - 1 kg (for 50 kg of cement)

APPLICATION

APPLICATION INFORMATION

- Shake well before use.
- AQUAPLUS is ready-to-use. Add it to the mortar mixture water by 1-2% of the cement.
- Can be used with all Portland types cement.

CAUTION

- Do not mix the mortar more than necessary.
- If you mix it manually, mix as regular and stable as possible for the effective air entraining property of AQUAPLUS.
- Avoid application on frozen areas, on areas under risk of freezing in 24 hours or on areas open to direct sunlight or wind.

PACKAGING

6 kg, 20 kg and 30 kg plastic jerrycans and 180 kg barrels

SHELF LIFE

Expires in 12 months. Store unopened packages. Shake well before use. Protect against freezing.

HEALTH AND CAUTION

As with all chemical products, avoid contact with food, skin, eyes and mouth during use and storage. During the application, use work clothes, protective gloves, glasses and mask in accordance with the occupational and worker health rules. Consult a doctor if accidentally swallowed. In contact with skin, wash with plenty of water. It should be stored out of the reach of children.

The application instructions and technical values given for the products have been obtained in accordance with our tests and experiences in accordance with international standards at 23±2°C temperature and 50±5% relative humidity conditions. These values may vary depending on ambient conditions. High temperatures shorten the times, low temperatures lengthen them. Before starting the application, the user should test whether the product is suitable for the application and purpose. FIXA Yapı Chemicals San. Trade Ltd. Sti. is not responsible. This Technical Data Sheet remains valid until the next revision is published. FIXA reserves the right to change the values specified in this Technical Data Sheet, provided that the new version is published. It is the user's responsibility to check that the document is up-to-date. Please contact our sales department for more information.