



# DAUPRO AQUA A20+

**GROSS CONCRETE PRIMER**

## DESCRIPTION

Cement and acrylic based, super-elastic, double component waterproofing material. Components must be mixed to provide waterproofing. Resistant to positive water pressure.

## APPLICATION AREAS

Indoor and outdoor. Horizontal and vertical applications. Water tanks, cisterns and swimming pools (under the coating). Groundwork waterproofing, retaining walls and basement waterproofing. For impermeability to salty waters. Waterproofing of terrace roofs. Sewer pipes, irrigation channels, manholes, concrete pipes. Wet areas such as bathrooms and kitchens. Facilities such as thermal springs or Turkish baths. Waterproofing of concrete flower receptacle. Bonding ceramics, granite and covering materials.

## ADVANTAGES

Easy to apply on horizontal and vertical surfaces with a brush, roller, trowel or spraying machine and not affected by cold and hot weather. Provides seamless and jointless waterproofing. Provides high performance waterproofing. Elastic, does not shrink or crack. Allows the concrete to breathe, even though it is waterproof. Non-poisonous, perfect for water tanks. Forms a perfect waterproofing layer under ceramic and screed, due to its flexibility and high bonding property. Protects concrete surfaces from carbonization and chloride.

## SURFACE PREPARATION

The application surface should be cured. The application surface should be cleaned from anti-adhesion materials such as dust, grease, curing materials, detergent, mold oils and silicone. Weak parts of concrete should be repaired, poorly adhered plasters should be removed, the surface should be brought to a smooth and stable position, and static cracks in the building should be repaired with plaster or high strength non-shrink repair and anchoring mortar. Dynamic (moving) cracks should be repaired with polyurethane sealant. If present, iron and wedges on the surface should be removed and the holes leaking water should be filled. The application surface should be saturated with water and kept moist during application.

## MORTAR PREPARATION

Put 7 kg of component B into a clean plastic bucket. Slowly add 20 kg of component A to the liquid and mix with a low-speed mixer without adding extra water, so that no lump material remains. After a resting time of 3-5 minutes, stir for another 30 seconds and start the application. Consume the mixture in the container within 30 minutes and do not use the mortar if this time is exceeded.



## APPLICATION

“DAUPRO AQUA A20+ Double Component Waterproofing Material” is applied at least two layers perpendicular to the surface. After the first coat application, wait at least 5-6 hours at +20°C, this time should not exceed 24 hours. Apply the second coat should be before the first coat is completely dry, and if the first coat is dry, moisten the surface again before applying the second coat. After the second coat, protect the surface from sun and fast drying for 3 days. During the application, the corners should be beveled after the first coat and then apply the second coat should on the chamfer. Use mesh between two layers for long term durability and full flexibility in wide openings. It gains mechanical strength after 3 days and becomes waterproof after 7 days. It gains its last strength after 14 days. Do not apply on windy, rainy and extremely hot weather on outdoor terrace floors and balconies.

## PACKAGING AND SHELF LIFE

Component A: In 20 kg of Kraft bags. Component B: In 7 kg of plastic bins. It can be stored for 12 months on a pallet with 10 bags stacking in humid-free environments. Shake the liquid component before use and protect against freezing.

## HEALTH AND SAFETY

As with all chemical products, contact with food, skin, eyes and mouth should be avoided during usage and storing. Consult a doctor, if swallowed by accident. In case of contact with skin, rinse with plenty of water. Keep out of reach of children.

## TECHNICAL SPECIFICATIONS

<b>Appearance</b>	: Component A / Gray colored fine powder
	: Component B / White colored liquid
<b>Density</b>	: Component A / 1,40 kg/L
	: Component B / 1,03 kg/L
<b>Mixture Rate</b>	: 7 kg liquid / 20 kg powder
<b>Application Temperature</b>	: Between +5°C and +35°C
<b>Flexibility</b>	: Very good
<b>Pressurized Water Resistance (DIN 1048)</b>	: 7 bars positive
<b>Capillary Water Absorption (TS 4045)</b>	: 0,018 kg/m <sup>2</sup> h <sup>1/2</sup>
<b>Resting Period</b>	: 3-5 minutes
<b>Time to Use</b>	: Mechanical Strength: 3 days
<b>Waterproofness</b>	: 7 days
<b>Time to Cover</b>	: 3 days
<b>Service Temperature</b>	: -30°C / +80°C