



3011 ABR PROOF PLUS 2K

Super Elastic Waterproofing Mortar
It is extra elastic, resistant to positive and negative water pressure waterproofing and concrete protection mortar that forms an effective barrier against salts, can be applied indoors and outdoors, consisting of emulsion polymer based liquid component, cement based powder component containing chemical additives that increase water impermeability and workability.

Places of Usage

- Indoors - outdoors, vertical and horizontal applications,
- On terraces, (provided that the surface is protected in gray applications)
- In soft water (pH 3 to pH 7) storage pools used in textile industry,
- In water tanks and Olympic swimming pools, In elevator pits,
- In wet areas such as WC, bathroom, kitchen and balcony,
- In areas sensitive to movement, vibration and light seating as part of the foundation waterproofing system,
- For protection of concrete from water, carbonation and de-icing salts,
- In facilities such as hot springs and Turkish baths.

Features / Advantages

- Easy to prepare and apply.
- Can be applied by brush or spraying machine.
- Long working time.
- Good chemical resistance to domestic waste water and other medium aggressive liquids.
- Resistant to negative and positive water pressure. (1 bar negative - 1.5 bar positive)
- Water vapor permeable.
- Due to its high adhesion performance and flexibility, it forms a perfect waterproof layer under screed and ceramic without being affected by deformation.
- High durability.
- 3011 ABR PROOF plus 2K eliminates cracks up to 0,60 mm when applied with a thickness of 2 mm and eliminates cracks up to 1,20 mm when reinforced with waterproofing net.
- Suitable for light pedestrian traffic.
- Has high resistance to CO₂ ions.
- Does not crack.
- Resistant to freeze-thaw cycle.
- Safely used in drinking water tanks. (Test report available.)



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Application Directions

a) Surface Preparation:

It should be ensured that the cement-based surfaces in contact with water are solid, dry, carrier, dust-free and clean and at the same time in balance. The surface should be thoroughly cleaned of any oil, grease, rust and paraffin residues that may weaken the adherence and there should be no loose particles on the surface. Iron and wooden wedges on the surface should be removed and if any, active water leakages and gaps should be filled with Termatect Sealant Mortar or Structural Repair Mortar, and corners and edges should be chamfered at least 4 cm radius. Application surface is wet and wait until the application surface is wet and dry/wet. If the coating material loses water immediately and becomes matt, it is understood that the surface is not sufficiently wetted or dries quickly. In such cases, when the air is hot or the materials remain in the wind, only 10% of component B can be added to the mixed material for the first layer.

b) Product Preparation:

Liquid component B 301iabr proof plus 2K is poured into a clean application bucket and powder component A 30ii abr proof plus 2K is added slowly and they are mixed with a 400-600 rpm mixer for 3-5 minutes until a homogenous and lump-free mixture is obtained. After resting for 3-5 minutes and mixing again for 30 seconds, the material is ready for use.

c) Application Method:

Prepared 3011ABR proof plus 2K mixture is applied in two or three layers with the help of a Thoro brush. The direction of brush application on each layer should be perpendicular to each other. Waiting time between coats varies according to ambient conditions. Reinforcement of 3011 abr proof plus 2K with waterproofing net: First coat is applied with Thoro brush. After drying, the mesh is laid and the second and third coats are applied on it.



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Issues to be Considered

- Avoid application at temperatures below +5°C and above +35°C.
- Avoid application in areas that are frozen, at risk of freezing within 24 hours or exposed to direct sun and wind.
- Do not add water to the mixture externally.
- Always powder component should be added to the liquid component.
- The wet film thickness during application should not exceed 2 mm for one coat.

Cleaning of Tools:

Tools and equipment used should be cleaned with water after the application. 3011 abr proof plus 2K can only be removed mechanically from the surface after hardening.

Security Warnings

- S2 Keep out of the reach of children.
- S24/25 Avoid contact with eyes and skin.
- S26 In contact with eye, wash with water and consult a doctor.
- S28 In contact with skin, wash immediately with plenty of water.
- S29 Do not empty into drains.
- S46 If swallowed, consult a doctor immediately and show box or label.

Storage

It should be stored in unopened original package in a cool and dry environment by protecting from frost. For short-term storage, maximum 3 pallets should be placed over and over and the shipment should be made with first in first out system. For long-term storage, pallets should not be placed over and over. It can be stored for 12 months from the date of production if proper storage conditions are met. Opened packages should be kept tightly closed and stored under proper storage conditions and should be used within one week.

Consumption

First layer consumption: 1,50 kg/m² mixture Second layer consumption: 1,30 kg/m² mixture

Package

Component A: In 20 kg kraft bags.

Component B: In 10 L plastic jerrycans.

3011 ABR PROOF PLUS	Component A	Component B
Mixture Amount	20 kg	10 kg
Mixture Density	1,80 kg/Lt	



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TECHNICAL SPECIFICATIONS

(23 °C and 50% Relative Humidity)

GENERAL INFORMATION

APPEARANCE

Shelf Life

APPLICATION INFORMATION

Color

Adhesion Strength (28 days)

Pressurized Water Resistance

Freeze-Thaw Resistance

(ISO/DIS 4846.2)

Capillary Water Absorption

(TS EN 12808-5)

Application Floor Temperature

Service Temperature

Resting Time

Component A: Contains Mineral Filler, Polymer Modified Additives and Special Cement.
Component B: Copolymer Acrylic Dispersion
12 months in unopened package in dry environment

Gray

≥ 1,00 N/mm²

1,00 bar (negative), 1,50 bar (positive)

No deformation after 50 cycles

≤ 0,10 gr (After 4 hours)

+5 °C / +25 °C

-20 °C / +80 °C

3-5 min.