

NET:
4 KG

NET:
20 KG

QuaCoat AST

Technical Data Sheet



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CONSTRUCTION CHEMICALS

Product Description:

QuaCoat AST is a one-component, low viscosity, polyurethane based primer. It is designed for different types or locations of substrates.

The product is characterized by its very low viscosity and stabilizes the curing speed. In this way, it perfectly coats and impregnates almost all types of surfaces, porous (regardless of pore condition) or non-porous (glass, metal, etc.), in a holistic and homogeneous manner. Delay in applying the base coat is not a problem.

It can be applied on dry and slightly damp concrete as a low-cost effective waterproofing material that increases the durability of the substrate.

Application Areas:

- Concrete structures (damp, wet or wet concrete)
- Ceramic tiles
- Non-porous substrates such as glass, marble and metal.
- Concrete can also be used as a waterproofing material.

Technical Specifications:

Color: Transparent Yellow

Viscosity: 40 -50 cP

Density: 0,95 ± 0,05 gr/cm³

Cure Time: 4-6 Hours

Top Coat Application: 12-24 Hours

Hardness: 75-80 Shore A

Adhesion to concrete: >3 (N/mm²)

Advantages:

- Single component.
- Low viscosity.
- Can be easily applied on all types of surfaces including wet/wet concrete.
- Perfectly covers and impregnates the surface holistically and homogeneously.

Does not cause any problem even if the base coat is delayed.

- It is elastic.
- Provides a cost-effective solution for sealing and protecting concrete.

Surface Preparation:

The surface should be cleaned, if possible using a high pressure washer, removing oil, grease, fuel and paraffin residues, as well as mold release agents, cement residues, chips, loose particles and cured membranes..

Quattro

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Preparation Instructions:

QuaCoat AST is a ready-to-use one-component product, no thinner is required. Mix the product with a suitable mixer at 300 rpm for 2-3 minutes before application.

Instructions for Use:

For surface defects, it is recommended to use sand-treated QuaCoat AST. Apply with a brush or roller. When cured, you can proceed with the application of the main membrane. The tools and instruments used should be cleaned with synthetic thinner as soon as possible. Rolls are for single use only. Reuse is not suitable.

Consumption:

200 – 250 gr/m²

Packaging:

4 KG Tin

20 KG Tin

Storage:

- Protected from water, frost and adverse weather conditions.
- It should be stored in a dry and cool environment (between +10 °C and +25 °C).
- The production date is on the label.
- Opened product should be consumed immediately.
- Even if the opened packages are tightly closed, the product inside will cure in a short time, so consume the opened packages in a short time.
- Shelf life is 12 months if the specified storage conditions are followed.

Caution:

- The environment should be well ventilated for indoor applications. However, application in closed areas is not recommended.
- Surface temperature should be +5°C and above. Mixing of the material should be done with a special mixing device and tip not exceeding 300- 400 rpm, and mixing should not be done with a high speed drill.
- In cold weather, the packages should be kept at +15°C for at least 24 hours before application.
- Water vapor pressure should not be observed from the negative side on the application surfaces. In such a case, special insulation should be applied before application.
- After application, the surface should be protected against water, rain, dew, snow, hail and similar until it is completely dry.
- It should be taken into consideration that full mechanical and chemical resistance will be achieved in 7 days.

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