

NET:  
1 KG

NET:  
5 KG

NET:  
25 KG

# QuaCoat 1006

## Technical Data Sheet



**yeykim®**  
YAPI KİMYASALLARI  
CONSTRUCTION CHEMICALS

### Product Description:

QuaCoat 1006 is a one-component, polyurethane based liquid material. Easy to apply. It is an economical waterproofing system that offers simple solutions. It forms a highly elastic film by adhering strongly to all kinds of surfaces. QuaCoat 1006 contains pure elastomeric hydrophobic polyurethane resin, which gives the material excellent resistance power in terms of UV resistance, chemical, mechanical resistance and thermal resistance.

### Application Areas:

- Gypsum and cement panels
- Can be used on tile/tile with suitable primer.
- Bathrooms,
- Roofs,
- Lightweight roofs made of metal or fibrous cement,
- Asphalt membranes,
- As the main waterproofing membrane in the waterproofing systems of car parks,
- Used in stadium stands.

### Technical Specifications:

**Color:** Gray

**Viscosity:** 2500-3500 cP

**Density:**  $1.40 \pm 0,05 \text{ gr/cm}^3$

**Drying Time:** 6-8 Hours

**Re-folding:** 12-24 Hours

**Tensile Strength (7 days):**  $> 5 \text{ N/mm}^2$

**Elongation at break:**  $> \%500$

**Adhesion to concrete:**  $> 2,5 \text{ (N/mm}^2\text{)}$

**Water Vapor Permeability:**  $0.8 \text{ gr/m}^2 \text{ hr}$

### Advantages:

- Excellent mechanical properties.
- Exhibits effective resistance to chemicals.
- Does not contain toxic substances after curing.
- Effective in water vapor transmission: Since the film breathes, there is no moisture accumulation under the layer.
- It has UV resistance.
- Excellent thermal resistance, the product never softens. Maximum service temperature is  $90^\circ\text{C}$ , maximum shock temperature is  $200^\circ\text{C}$ .
- It is resistant to cold: The film retains its elasticity up to  $-40^\circ\text{C}$ .
- Even if QuaCoat 1006 is damaged in any way, the damaged part can be easily repaired in a short time
- Although it does not require thinning, synthetic thinner can be used depending on the conditions.

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### Surface Preparation:

Application surfaces must be solid. The surface must have a compressive strength of 25 N/mm<sup>2</sup> and at least 1.5 N/mm<sup>2</sup> for adhesion test. The surface must be free of factors that may affect the adhesion performance such as loose, dismantled or loose concrete particles, oil and paint residues, cement grout residues. In addition, the surfaces to be applied should be roughened and wiped with suitable tools and machines. The wiped surfaces should be completely cleaned of dust with industrial type machines. Dust remaining in the surface pores may affect product performance and cause holes in the coating.

### Preparation Instructions:

- **Priming:** Highly absorbent surfaces such as concrete, cement screed or wood should be saturated with QuaCoat AST polyurethane primer without forming a film before primer application. It is of great importance for a proper application that the surface is smooth and saturated with primer. If the surface is not cleaned and primed properly, it may cause the applied product to lift from the surface and cause problems such as bubbles, craters and pinholes on the surface.
- **Type of Mixture:** QuaCoat 1006 is ready to use as a single component. Before applying the product, mix it with a suitable mixer at 300 rpm for 2-3 minutes.

### Instructions for Use:

Application: Apply at least two coats with a roller or brush. Allow 6-24 hours between coats. If you have exceeded the time (e.g. more than 4 days have passed) or if you are not sure about the adhesion between coats, flammable, combustible and flammable products should be kept away during application. Smoking should be avoided. Make sure that the application area is constantly ventilated. Protective equipment such as goggles and gloves should be used during application. In case of eye contact, wash thoroughly with plenty of water. Request Material Safety Data Sheet for detailed information. Keep out of the reach of children. The product should be consumed by professional users, taking into account the data in the technical information section.

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### Consumption:

First coat: 0.750 - 0.900 kg/m<sup>2</sup>,

Second coat: 0.750-0.900 kg/m<sup>2</sup> for a total of 1.5-1.8 kg/m<sup>2</sup>

### Packaging:

1 KG Tin

5 KG Tin

25 KG Tin

### Storage:

- Protect from water, frost and adverse weather conditions.
- Should be stored in a dry and cool environment (between +10 °C and +25 °C)
- The production date is on the label.
- Do not consume opened cans as the product inside will freeze in a short time even if the opened packages are tightly closed.
- Shelf life is 12 months if the specified storage conditions are followed.

### Caution:

- Due to the long-lasting solvent odor, it should not be applied in closed areas or the environment should be well ventilated.
- Surface temperature should be +5°C. 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 occur in 7 days.
- Contains solvent, flammable.
- Do not approach with open flame and do not smoke during application.