

# Aquatek Paint In-Termic

1-component anti-condensation paint for interior applications.



## • field of application

- Preventing condensation problems on waterproofed structures.
- Preventing condensation problems on walls and ceilings.
- Preventing condensation problems on slab surfaces such as suspended structures, landings etc.

## • advantages

- 1-component product. Ready to use.
- Thixotropic for easy application on vertical and overhead surfaces.
- Applied by brush, roller or airless spray.
- Insulating, waterproofing and decorative coating.
- Reduction of thermal difference between the interior area and the exterior wall to avoid condensation and microbiological growth.
- Freeze-thaw resistant.
- Non-flammable.
- Resistant to microbiological growth.

## • description

Aquatek Paint In-Termic is a 1-component acrylic water-based thermal insulation paint.

Aquatek Paint In-Termic contains special components with anti condensation properties. Aquatek Paint In-Termic has limited flexibility and is recommended for surfaces with little thermal movement and is only suitable for indoor use. Aquatek Paint In-Termic is a decorative paint and is available in any colour on request.

## • application

### **1. Preparation of the substrate**

- Surfaces to be treated must be thoroughly clean and structurally sound. Remove all foreign materials such as coatings, paint, defective renderings, cement laitance, oils, and other contaminants that may adversely affect the adhesion.
- For concrete or porous surfaces that need to be coated, the first coat must be diluted with water at 10% as described below to act as a primer.
- Aquatek Paint In-Termic can not be applied upon plastered surfaces. Plastered surfaces need to be primed with Omnitek Acryl APL or Omnitek Acryl APV.

### **2. Mixing**

- Mix well before application with a low speed electrical mixer. Do not over mix.

## • technical data/properties

### • appearance

Viscous liquid.  
Standard colours: White.  
Other colours available on request.

### • consumption

Apply a minimum of two coats.  
Minimum total recommended consumption is 1,0 kg/m<sup>2</sup>, depending on the surface absorption.  
**For the first coat: 0,4 kg/m<sup>2</sup> to 0,5 kg/m<sup>2</sup>.**  
This coat can be diluted with water, to prime the surface, with a maximum of 10% water.  
**For the second coat: from 0,5 kg/m<sup>2</sup> to 0,8 kg/m<sup>2</sup>.**

### • packaging

15 kg metal pails.  
1 pallet is 32 pails (480 kg).

### • storage

Aquatek Paint In-Termic should be stored free from ground under cover and protected from frost. Rotate stock in order not to exceed the shelf life.  
Shelf life: 12 months.

### • health & safety

Aquatek Paint In-Termic is not classified.  
Always advisable wear gloves and protective goggles. Wash hands and face before breaks and when finish the job. Avoid contact with eyes and skin.  
For full information, consult the relevant Material Safety Data Sheet.

- The product has a thick viscous appearance but there is no need for dilution. If after thorough mixing the product seems too dry, a maximum of 10% of water can be added.

### 3. Application

- Apply Aquatek Paint In-Termic with a foam roller, brush or airless spray equipment in minimum two coats.
- Apply a first coat of 400 to 500 g/m<sup>2</sup>. Optionally the first coat may be diluted with a maximum of 10% water to prime the surface.
- Depending on the application, it may be advisable to apply a Reinforcement Mesh before the second coat. If there are cracks, a 3 to 5 cm overlap of Reinforcement Mesh on each side of the crack needs to be provided.
- Apply the second coat with a consumption of 500 to 800 g/m<sup>2</sup> when the first coat is absolutely dry. Never dilute the second coat.
- Assure a good penetration and coverage in concrete cracks and pores.

### 4. Curing

- Curing time is approx. 12 to 24 hours per coat.

### 5. Cleaning and Maintenance

- Mixing and application equipment can be cleaned with clean water immediately after use.

### 6. Additional information

- Aquatek Paint In-Termic is not suitable for tanking or containment applications.
- Finished surface has a slight rough appearance.

Property	Value
Density (at 20°C)	0,85 kg/dm <sup>3</sup>
Condensation index*	3,6
Application temperature	5°C to 30°C

(\*) Value obtained from closed tank condensation test. Comparison of anti-condensation properties of Aquatek Paint In-Termic and a standard paint. Test report available by request.