

# Omnitek Acryl APV

1-component water based acrylic adhesion coat with long open time for plasters and renders.

**• field of application**

- Adhesion coat for renders and plasters for porous surfaces such as: concrete, masonry, plasters, mortars, natural stone, etc.
- Adhesion coat for application of plasters and renders on top of cement based waterproofing systems.

**• advantages**

- Highly flexible.
- Long open time.
- 1-component product.
- Viscosity adjusted for application on smooth or rough surfaces.
- Easy-to-apply by brush or spray.
- Solvent free.

**• description**

Omnitek Acryl APV is a water based acrylic product with excellent adhesion to most mineral substrates. Omnitek Acryl APV is used as liquid adhesion coat for plasters and renders.

Omnitek Acryl APV is applied by brush or by roller.

**• application****1. Substrate preparation**

- Surfaces to be treated should be thoroughly cleaned and structurally sound. Remove all foreign materials such as paint coatings, defective renderings, cement laitance, oils, and other contaminants that may adversely affect the bond.
- Surfaces should be prepared by high-pressure water treatment. In case of application to existing cementitious waterproofing systems, the pressure of the cleaning water needs to be adjusted as to not damage the waterproofing system. Dust and loose particles must be washed off with clean water.
- Surface may be either dry or moist without water film on the surface.

**2. Mixing**

- Omnitek Acryl APV needs to be well mixed before application.

**3. Application**

- Omnitek Acryl APV is applied by brush or roller. Apply Omnitek Acryl APV in a single coat on the surface.

**4. Curing**

- The product maintains its adhesive properties for a long time once applied. However, it is recommended to apply the render after 1 to 72 hours.

## • technical data/properties

### 5. Cleaning and Maintenance.

- Mixing and application equipment should be cleaned immediately with clean water. Cured material needs to be removed by mechanical means.

Property	Value
Density	0,97 kg/dm <sup>3</sup>
Solids	30%
Viscosity	880 mPas
pH	8,1
Min. application temperature	8°C
Max. application temperature	30°C
Time to apply mortar	1 to 72 hours

(\*) Typical values – all tests were executed under a conditioned temperature of 21 °C and 65% RH.

## • appearance

Omnitek Acryl APV is a white viscous liquid

## • consumption

Consumption depends on the roughness and the absorption of the surface and is approx. 100 g/m<sup>2</sup> to 150 g/m<sup>2</sup>.

## • packaging

5 kg jerrycans (1 pallet = 120 jerrycans).  
25 kg jerrycans (1 pallet = 24 jerrycans).

## • storage

Omnitek Acryl APV should be stored in the original closed container. Protect the materials from frost. Rotate stocks so that they do not exceed its shelf life.

Shelf life: 1 year

## • health & safety

Omnitek Acryl APV is not classified. Omnitek Acryl APV can cause irritation to eyes and skin. Prevent all contact with eyes and skin. Always wear suitable protective clothing, gloves and safety goggles.

Treat splashes to eyes and skin immediately with clean water. Consult a doctor when irritation continues. If accidentally ingested, drink water and consult a doctor. For full information, consult the relevant Material Safety Data Sheet.