

# AVAL KT 17

## fast drying priming emulsion



- unifies substrate absorptiveness
- strengthens the substrate
- under screeds and subfloors
- under adhesives, renders, finishing coats and paints
- high yield



### Use

**Improves setting conditions of mortars** – contributes to reaching their expected parameters.

**Strengthens the surface of primed mineral substrates** – permeates the surface, strengthens it and strengthens and improves its load capacity.

**Prevents retention of excessive amount of water from the layer applied upon the substrate** – limits the absorption of the substrate.

**Unifies the absorption of the whole primed surface** – the applied layer has similar setting conditions, irrespective of local changes in the substrate parameters.

**Creates temporary protective layers on subfloors and screeds** – improves the resistance of the floor to dust deposition, facilitates its cleaning (must not be considered as the final finishing layer).

**Increases the yield of paints, finishing coats and adhesives** – by sealing the structure of the primed surface, it increases the yield of materials used for the execution of the next layer.

**Kinds of primed substrates** – absorbent, excessively absorptive and weakened: concrete, plasterboard, gypsum and cement renders, rough walls made of all kinds of bricks, blocks, hollow bricks, as well as concrete and anhydrite subfloors.

**Types of finishing layer** – tile facing, renders, subfloors, finishing coats, wallpapers, paints (follow paint manufacturer instructions), AVAL KL 51 (ATLAS WODER E), ATLAS WODER W, ATLAS WODER DUO or ATLAS WODER S watertight insulations.

### Properties

**Very short drying time** – the finishing layers can be applied already after 2 hours.

**Solvent-free** – it is manufactured on the basis of a water dispersion of acrylic resin.

**Non-saponifiable during application.**

**Transparent after drying.**

**Vapour permeable.**

**Inflammable** – can be used in premises without windows.

### Technical data

AVAL KT 17 is a priming emulsion manufactured on the basis of the highest quality water based acrylic dispersion. It is a priming paint of setting characteristics: maximum content of VOC in the product is 1.92 g/l, the maximum allowable content of VOC is 30 g/l.

Density of the ready-to-use product	ca. 1.0 g/cm <sup>3</sup>
Substrate and ambient temperature during works	from +5°C to +25°C
Readiness for further works after priming	after 2 hours

### Technical requirements

The product is not classified as a construction material.

### Application

#### Substrate preparation

The substrate must be dry, free from dust, dirt, oils, grease and wax. Remove all loose layers inappropriately adherent to the substrate before emulsion application.

#### Emulsion preparation

It must not be mixed with other materials or thickened. It is admissible to dilute in a proportion by weight of:

- 1:1 for the first priming (in case of double priming of a very weak substrate),
- 1:3 in case of priming substrates under ATLAS paints for indoor use.

#### Application

The best is to apply the emulsion upon the substrate in undiluted form, once, using a roller or a brush, as a thin and uniform layer. For the first priming of very absorptive and weak substrates, emulsion diluted with water in the proportion of 1:1 may be used. After the first layer has dried, repeat the priming using undiluted emulsion this time.

#### Access to the surface

Painting, wallpapering, tile fixing, etc. may begin after the emulsion has dried, i.e. about 2 hours after its application. The primer after drying should form matt surface.

### Consumption

The average consumption is at 0.05 ÷ 0.2 kg of emulsion for 1 m<sup>2</sup>. In practice, the consumption depends on the absorptivity of the substrate.

### Important additional data

- Gypsum substrates must be primed before painting, following the guidelines of the paint manufacturer.
- Clean the tools with clean water directly after use.
- Possible emulsion stains can be removed with ATLAS SZOP 2000 agent.
- Keep out of the reach of children! Avoid contact with skin and eyes. Follow the instructions of the Safety Data Sheet.
- The emulsion must be transported and stored in tightly sealed packaging, in dry conditions and in positive temperatures. Protect against overheating. The emulsion shelf life is 12 months from the production date printed on the packaging.

### Packaging

Plastic containers: 1 kg, 5 kg.

Pallet: 576 kg in 1 kg containers, 540 kg in 5 kg containers.

*The above information constitutes basic guidelines for the application of the product and does not release the user from the obligation of carrying out works according to engineering principles and OHS regulations.*

*At the time of publication of this product data sheet all previous ones become void.*

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