



Technical Data Sheet

ADICOR®-1K-PU

Art.-No 2 05561

Impregnating primer for ADICOR-2K-PU

Properties:

- One component.
- Ready to use.
- Hardens on exposure to air humidity.
- High adhesion.
- Low consumption.

Areas of application:

ADICOR-1K-PU is used as a primer with the AQUAFIN-2K/M or AQUAFIN-2K system in swimming pool waterproofing applications. The top coat, ADICOR-2K-PU, should be applied within the time range of 2 to 36 hours.

Technical Data:

Basis:	polyurethane, cured by exposure to air humidity
Colours:	clear, slight yellowish tint
Delivery viscosity *) ac. To DIN 53211:	approx. 15 s 4 mm nozzle
Flashpoint:	> +23 °C
Solvent:	ADICOR-Solvent
Density *) of mixture:	approx. 0.95 g/cm ³
Substrate/ Application temp.:	+5 °C up to +50 °C rel. air humidity from 30 to 98 % optimal between +15 °C to +25 °C
Consumption:	approx. 85 - 125 ml/m ² ADICOR-1K-PU, approx. 300 - 400 g/m ² ADICOR-2K-PU, depending on application on smooth, even substrate
Layer thickness:	approx. 0.020 mm
Solids content %:	approx. 28
Mixing ratio:	ready to use
Packaging:	5 l tinplate can

System components:	AQUAFIN-2K or AQUAFIN-2K/M, ASO-Joint-Tape 2000-S and appropriate ASO-Joint-Tape-2000-S. Shaped pieces such as internal-, external corners, cross pieces and joint sleeves, ADICOR-1K-PU, ADICOR-2K-PU, ADICOR-Solvent
Storage:	min. 12 months when stored frostfree, dry in original unopened packaging. Use opened packaging promptly.
Cleaning of tools:	When wet with ADICOR-Solvent. Cured material can only be removed mechanically.
Overcoat *):	after approx. 2 hours, at the latest 36 hours Important!

*) The values are valid at +23 °C and 65% relative humidity, higher temperatures accelerate, lower temperatures decelerate the curing.

Surface preparation:

The waterproofing layer of AQUAFIN-2K or AQUAFIN-2K/M must be dry, firm, load-bearing and free from adhesion inhibiting substances such as dust, grease etc.. Minor residual moisture does not have a negative effect on the filming of ADICOR-1K-PU. The waterproofing layer AQUAFIN-2K/M has to be dried for a period of at least 7 days before the primer ADICOR-1K-PU is applied.

Finished coats of ADICOR-2K-PU are to be applied at the earliest after 2 hours and at the latest 36 hours!

ADICOR®-1K-PU

Application:

The application is to be carried out in perpendicular roller, brush or spray strokes, in delivered viscosity (e.g. Airless or suitable spraying equipment). Use solvent resistant tools!

Outdoor uncovered applications should only be done when dry, rainless weather can be expected during the entire specified application period.

As a general rule at least 4 days are required. A further possibility is to cover and protect areas which are to be coated outdoors.

System structure:

1. Priming:

Apply the primer ADICOR-1K-PU onto the min 7 day old, dust free and dry waterproofing layer of AQUAFIN-2K/M and/or AQUAFIN-2K, in perpendicular roller, brush or spray strokes. Coating should be even and completely covering. **Apply the first coat of the topcoat (ADICOR-2K-PU) within 2 to 36 hours after priming, important!**

Consumption approx. 85 - 125 ml/m².

2. First Layer Topcoat:

After a min. 2 hours up to a max. 36 hours apply ADICOR-2K-PU after application of ADICOR-1K-PU. Apply ADICOR-2K-PU in perpendicular roller, brush or spray strokes.

Consumption approx. 150 - 250 g/m².

3. Second Layer Topcoat:

After a min. 12 hours up to a max. 36 hours after application of the first coat of ADICOR-2K-PU apply the second coat. Apply ADICOR-2K-PU in perpendicular roller, brush or spray strokes.

Consumption approx. 150 - 200 g/m².

Protect the coating against damaging weather, in particular rainfall, for 24 hours after the second layer of the topcoat. Filling with water can start after 8 days at the earliest.

Important advice:

- Please observe the technical data sheets of the above specified products!
- Protect areas not to be treated with ADICOR-1K-PU from it's effects!
- The bonding of the separate layers onto each other can be severely impaired by the influence of moisture and impurities in between the application coats!
- The temperature of the substrate, and/or the individual system must be at least +3 °C above the prevailing temperature of dew point.
- In case there is a longer waiting period than listed between the individual coat applications, the surface must be thoroughly roughened. After that a new application has to be done.

Please observe a valid EU safety data sheet.

GISCODE: RU4