

Technical data sheet

ALBERDINGK® AC 27401

Characteristic:

ALBERDINGK® AC 27401 is a medium hard, OH-functional, waterborne acrylic copolymer, without plasticizer or protective colloids.

Specification:

Solids content % 37.0 - 39.0

pH- value

7.5 - 8.5

Viscosity

mPas

700 - 2000

According to:

ISO 3251

1.0 g weighed quantity at 105°C

ISO 976

ISO 2555, Brookfield RVT Spindle 2/rpm 20/factor 20

Further typical data*:

MFFT °C ca. 15

Density g/cm³ ca. 1.06

OH-value on solids mg KOH/g ca. 156

OH-content as supplied % ca. 1.80

Solvent-free

According to:

ISO 2811-1

ISO 4629-2

ISO 4629-2

Applications:

Crosslinked (e.g. with a polyisocyanate) ALBERDINGK® AC 27401 provides outstanding chemical resistances. ALBERDINGK® AC 27401 is designed for substrates like wood, plastic, metal and concrete.

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Storage:

In originally closed containers ALBERDINGK-dispersions are stable when stored at 20°C for 6 months after delivery date. The recommended temperature-range for storage is 5 - 30°C. Freezing or storage at higher temperatures than 30°C, can affect the viscosity or the average particle size and finally lead to a sedimentation or coagulation. A contamination with bacteria, fungi or algae can damage the product irreversibly. The product is only preserved for the transport. For a longer storage time, we recommend to add additional preservative. A warranty for the sterility after storage can not be granted. ALBERDINGK BOLEY GmbH assures that the data mentioned under "specification" are stable for 6 months after delivery date, if the product is stored under the recommended conditions. A longer storage does not mean that the product is not usable anymore, but we recommend to check the specification data before use. A warranty after 6 months of storage can not be given by ALBERDINGK BOLEY GmbH. The product should be stirred well before use.

Packaging:

plastic drums (120 kg)
one-way container (approx. 1000 kg)
as bulk in tank cars, by agreement.

Safety:

For further information on product safety please refer to the current safety data sheet.

Notice:

* General information - the values can not be considered as part of the product specification.