

# Technical data sheet

# ALBERDINGK® AC 27401

### **Characteristic:**

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

<b>Specification:</b> Solids content	%	37.0 - 39.0	According to: ISO 3251 1.0 g weighed quantity at 105°C
pH- value Viscosity	mPas	7.5 - 8.5 700 - 2000	ISO 976 ISO 2555, Brookfield RVT Spindle 2/rpm 20/factor 20
Further typical data*:			According to:
MFFT	°C	ca. 15	
Density	g/cm3	ca. 1.06	ISO 2811-1
OH-value on solids	mg KOH/g	ca. 156	ISO 4629-2
OH-content as supplied Solvent-free	%	ca. 1.80	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.

Latest updateAlberdingk Boley GmbH | Düsseldorfer Str. 53 | 47829 Krefeld | Germany03.07.2012Phone +49 2151 528-0 | Fax +49 2151 573643 | info@alberdingk-boley.de | www.alberdingk-boley.dePage 1 of 2Alberdingk Boley, Inc. | Greensboro, NC, USA | www.alberdingkusa.com<br/>Alberdingk Resins (Shenzhen) Co.Ltd. | Shenzhen City, P.R. China | www.alberdingkchina.com

The details contained herein are based on our present state of technology and shall inform on our products and their application possibilities. A lawful binding assurance of certain attributes or the suitability for a concrete operation purpose cannot be derived from thisinformation. Industrial property rights are to be considered if required.



# Technical data sheet

# ALBERDINGK® AC 27401

### 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.

 Latest update
 Alberdingk Boley GmbH | Düsseldorfer Str. 53 | 47829 Krefeld | Germany

 03.07.2012
 Phone +49 2151 528-0 | Fax +49 2151 573643 | info@alberdingk-boley.de | www.alberdingk-boley.de

 Page 2 of 2
 Alberdingk Boley, Inc. | Greensboro, NC, USA | www.alberdingkusa.com

 Alberdingk Resins (Shenzhen) Co.Ltd. | Shenzhen City, P.R. China | www.alberdingkchina.com

 The details contained herein are based on our present state of technology and shall inform on our products and their application possibilities. A lawful binding assurance of certain attributes or the suitability for a concrete operation purpose cannot be derived from thisinformation. Industrial property rights are to be considered if required.