

# Technical Data Sheet

## AlberdingkUSA® AS 2685

### Characteristic

AlberdingkUSA® AS 2685 is a solvent free styrene modified acrylic-methacrylic-ester copolymer dispersion. AS 2685 is typically used for metal topcoats and primers due to its exceptional water resistance and adhesion. In addition to topcoats for galvanized surfaces, AS 2685 is also useful in coating wood substrates.

### Features:

Excellent adhesion to metal, especially galvanized steel  
Good chemical, water and humidity resistance  
Low cosolvent demand  
Excellent compatibility with PUDs and other acrylic emulsions from Alberdingk

### Specification:

NVW	%	42.0 – 44.0
pH value		7.0 – 8.0
Viscosity	cps	700 - 2500

### According to:

DIN EN ISO 3251  
1.0 g weighed quantity at 105°C  
DIN ISO 976  
ISO 1652, Brookfield RVT  
Spindle 3/rpm 20/factor 5

### Further typical data\*:

MFFT	°C	approx. 20
Density	lbs/gal	approx. 8.58

### Applications:

wood  
plastic  
metal

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### Storage:

In originally closed containers ALBERDINGK-dispersions are stable when stored at 20°C for 6 months. 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.

ALBERDINGK BOLEY Inc. 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 Inc.

### Packaging:

drums (460 lbs)  
totes (2205 lbs)  
as bulk in tank cars, by agreement.

### Safety:

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

### Notice:

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