

# Akvapur SM 1400



Akvapur SM 1400 is a foil coating adhesive for furniture doors.



- 1-component
- Good and even surface quality
- Good properties for edge application

## AREA OF APPLICATION

Akvapur SM 1400 is used for the PVC foil coatings of MDF or other wood-based board blanks milled with cutter when using membrane or deep drawing techniques.

## INSTRUCTIONS FOR USE

Stir properly before use. The surfaces to be glued should be free from dust, grease etc. Apply an even uniform coat of the adhesive onto the board blanks with an air assisted airless spray gun (Airmix®) or a high pressure spray gun. Let the adhesive dry until transparent. After the drying time, the coating foil is preheated and drawn and/or pressed onto the board blank using a deep drawing or membrane press. When the thermal activation is sufficient enough, the after-heat resistance of the adhesive joint (PVC/MDF) will be high, ca. 80-90°C. When gluing, follow the instructions provided by the foil and machinery manufacturers.

## ADDITIONAL INFORMATION

The information given in this product data sheet is based on our tests and our practical knowledge. The technical data is defined in standard conditions. Variations in local working conditions and methods will affect the product performance and result. The result is strongly affected by working methods. We guarantee the high quality of our products according to our Quality Management System. No liability can be accepted from incorrect use of the product or prevailing conditions, over which we have no control. Thus, we cannot be held responsible for the final result. The user of the product must test product's suitability to the intended application.

## ENVIRONMENT AND SAFETY

Avoid unnecessary skin contact with and exposure to the fresh product: use safety gloves. Refer to material safety data sheet. For information on product and package disposal, visit [www.kiilto.com](http://www.kiilto.com).

TYPE/BINDER	PUD
pH	8.5
VISCOSITY	4000 mPas (Brookfield, RVT +20°C)
APPLICATION TEMPERATURE	To activate the adhesive film, a minimum temperature of 70°C is required. The adhesive joint must be activated within 72 hours following the application of the adhesive
TEMPERATURE RESISTANCE	After heat resistance 80-90°C
COATABLE	In room temperature 30-60min
STORAGE	In unopened containers at +20 °C for 6 months.