



## TECHNICAL DATA

# MEKOL SPECIAL

dispersion adhesive for gluing wood and paper

### DESCRIPTION

MEKOL SPECIAL is water dispersed PVAc based solvent free adhesive for gluing wood, paper, card board, textile and other porous materials.

### FIELDS OF APPLICATION

The adhesive is suitable for:

- block gluing of wood with high density
- assembly gluing of wood with high density
- gluing of paper, card board and textile

### CHARACTERISTICS

Chemical base	PVAc dispersion
Colour	white, dry film is translucent
Setting time	medium
Viscosity at 23 °C	
(ISO 2555-Brookfield RVT, spindle 4 / 20 rpm)	4 000 - 7 000 mPas
pH value (ISO 976)	approx. 4,5
Chalk point	approx. +5°C
Dangerous Goods Classification	none (according to Slovenian legislation)
Marking	not subject to marking-see our safety data sheet

### INSTRUCTIONS FOR USE

The adhesive can be spread in quantity 150 – 200 g/m<sup>2</sup> manually through the lengthening-piece on smooth and clean surface, without dust, grease or other dirtiness.

The pressing time depend on working conditions: temperature of ambient and material, moisture content of material, spread quantity and type of wood and varies from 4 to 40 minutes. The binding pressure varies from 0,2 to 0,7 N/mm<sup>2</sup>.

#### The most convenient working conditions:

Temperature of room and all materials involved	18 - 20°C
Relative air humidity	60 - 70%
Moisture of wood	8 - 12%

Higher moisture content of wood, higher quantities of glue applied and / or lower temperatures of gluing as recommended require prolongation of pressing times.

Do not process below + 15°C! Avoid additional working operations on glued particles before 24 hours after gluing.

### PACKING

Available in 500 g bottles with nozzle.

### STORAGE

Keep the product sealed in its original container at a temperature between +5°C and +25°C. PROTECT FROM FREEZE! The shelf life of the correctly stored product is 18 months.

The information provided herein, especially recommendations for the usage and application of our products, is based on our knowledge, results of laboratory tests and practical experience gained to date.

We guarantee a constant quality of our products under our technical specifications. Technical advice of our application department is available without obligation. This does not release the buyer from testing our products in his own responsibility with respect to their suitability for intended application and application process. Such an evaluation should be repeated if materials are changed in any way or bought from a different source.

We do not accept any liability with regard to above information or with regard to any verbal recommendation since different materials used in conjunction with our products as well as varying working conditions are beyond our control.