

# Product Information

## ***WOOD ADHESIVE, OUTDOORS***

### **AREA OF USAGE**

Gluing of wood where a joint with high moisture resistance is required, e.g. in constructions such as entrance doors, windows, facade covering, garden furniture and for laminate flooring. The product must not be used for supporting constructions e.g. glue lines. The joint will be transparent when fully hardened.

### **PROPERTIES**

WOOD GLUE, OUTDOORS is a single component, water based, moisture resistant, white PVAc glue without added hardener. The product complies with the DIN68603, class D-3, norm. The glue is non flammable, non hazardous and does not dull tools.

### **JOB SPECIFICATION**

The material must be prepared before work is begun so that the surfaces are completely even, smooth and free from chips and dust. The gluing should be done on wood which is recently worked. This is especially important with hard woods. The material which will be glued should be dried to a rest humidity of 7-10%. Gluing can be done down to +10°C but is preferably done at +20°C since a low temperature increases the pressing time considerably.

WOOD GLUE, OUTDOORS, should be applied with a brush, spatula, roller or spray-gun. Immediately after the application the material must be put under pressure. The pressing time is dependent on the thickness of the joint, material, temperature, absorption and the humidity in the wood. Normally the pressing time is 60 min.. When gluing joints and edges the glue shall be applied to both surfaces. When gluing pegs glue should be applied to both pegs and holes be pre-glued. A thin layer undiluted glue is applied on the material and left to dry for 2-3 min. whereupon a new coating of glue is applied, the materials joined and put under pressure. WOOD GLUE, OUTDOORS may be diluted with water to up to 5%. Wet glue is removed with water. Dried glue must be removed mechanically.

### **TECHNICAL DATA**

<b>TYPE</b>	PVAc dispersion
<b>COLOUR</b>	White
<b>SPECIFIC GRAVITY</b>	1,2 kg/litre
<b>DRY CONTENT</b>	Ca 49%
<b>VISCOSITY</b>	Ca 14.000 – 18.000 cp
<b>OPEN TIME</b>	10 minutes at +20°C
<b>PRESSURE</b>	1-5 kg / cm <sup>2</sup> – depending on the material and kind of wood
<b>PRESS-TIME</b>	30-60 minutes for evenly planed pine. Hard and oily woods or materials with stains require at least double time.
<b>HARDENING TIME</b>	15 – approx. 60 minutes depending on the thickness of the Joint, material, temperature and humidity.
<b>JOB TEMPERATURE</b>	+10°C - +30°C
<b>TEMPERATURE PERMANENCE AFTER HARDENING</b>	-30°C -- +80°C

## WOOD ADHESIVE, OUTDOORS, page 2

**WATER RESISTANCE FOR A  
HARDENED JOINT  
STORAGE  
PACKAGING  
CONSUMPTION**

Fulfils the requirements of DIN 68602/68603 class D-3  
2 years in well sealed container in a frost free place.  
750 ml., 5L. och 25L.  
Approx. 0,2 litre per m<sup>2</sup>

The technical data we present as well as our directions and recommendations are all based on a large number of tests and our experience. They are intended as guidance for the user to find the most suitable job method and to obtain an optimal result. Since the job conditions for the user are out of our control we can not accept responsibility of any kind for the results obtained when the product is used.