



## PVAc 41.01 adhesive

### PRODUCT DESCRIPTION

**PVAc 41.01** One component PVAc D4 adhesive. For bonding window and door joinery, wall panels, garden furniture and bathroom accessories etc. where high resistance to moisture and water is required. PVAc 41.01 D4 is tested and approved according to EN 204 standard, D4 and WATT 91 class.

### TECHNICAL DETAILS

Type:	PVAc-based dispersion
Delivery form:	Liquid
Colour:	White
Viscosity:	3000-9000 mPa.s (Brookfield RVT, ISO 2555)
pH:	2,5-2,8

### ADHESIVE APPLICATION

#### **Material preparation**

Bonded surface must be cleaned and dust-free, free of oil and grease, which may reduce adhesion. Wood moisture content should be 8 ÷ 12.

#### **Applying of adhesive**

It is recommended to precisely mix the adhesive before use. Adhesive can be applied on one or both sides with a spatula, brush, manual or roller applicator. Depend from the type of surface, recommended amount of applied adhesive is 120-180 g/m<sup>2</sup>

#### **Quality of adhesive weld**

Meets EN 204 D4 and WATT 91 standards requirements..  
Full weld resistance is obtained after 7-14 days.

### Wood discoloration

Adhesive does not cause the discolouration of wood, however when working with adhesive it is recommended to avoid tools containing iron, which in contact with wood containing tannin - can cause discoloration.

### Bonding temperature

Use in temperature above +15°C. This applies to the ambient temperature and, above all, the temperature of the bonded materials and the adhesive itself.

### Assembly time (pine-pine)

Open assembly time (OAT) is max. 8 minutes at 20°C, closed assembly time is max. 10 min.

### Pressing time

For bonding of pine slats, minimum pressing time is 30-45 min. at 20°C.

The pressing time depends from the same factors as the assembly time. Bonding other than pine wood species, bonding in different temperatures or bonding the structures with the existing tensions require of determine the pressing time for each case separately.

### Press pressure

0.3-1 Mpa. Thoroughly polished surfaces with good adhesion give the best bonding results.

### Cleaning

Wash tools immediately after work. Do not allow the adhesive to dry. Dried adhesive remove mechanically after soaking in hot water (about 1 h).

## **PACKAGING**

**PVAc 41.01** is available in following packages:

5 kg, 10 kg, 20 kg, 1000 kg

## **STORAGE AND EXPIRY DATE**

Product should be stored in original, closed packaging in temperatures between +15 to +25°C. After opening the package, take required amount of adhesive and close the container tightly. Product stored under these conditions, retains its properties within 6 months of the manufacture date.

## **HAZARD INFORMATION**

For complete health and safety information please refer to the Material Safety Data Sheet.

Above information's are the result of our practical experience and have indicative character, they are not guarantee of product properties and cannot be the underline for complaint. For this reason use of adhesive under conditions other than those specified in this sheet does not guarantee obtaining optimum results. Manufacturer is not liable for any damages resulting from non-compliant use.

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