



## **Product Technical Data Sheet – GP 2 PVA Glue**

Effective Date: 1<sup>ST</sup> December 2022

### **Characteristics**

GP2 is a quick-setting one-component general purpose PVA wood glue.

It can be used for a variety of applications where wood-based components are bonded together either by hand or by use in a roller coater. GP2 is only suitable for internal use since it is not fully water-resistant. GP2 meets the requirements of the European DIN EN 204 standard durability class D2. As such it is particularly suitable in the production of bed frames and upholstered furniture.

### **Instructions for use**

Apply GP2 thinly and evenly to one substrate, using a spreading machine, glue roller, serrated trowel, glue brush, or another suitable device.

Lay the items to be bonded together and press them as soon as possible for as long a time as is needed to achieve the required initial firmness upon release. The substrates must be pressed before the adhesive skins on the substrate surface. The pressure should be high enough to ensure contact of the parts over the entire area of the joint.

### **Wood discoloration**

Because of the varied nature of wood components, e.g., depending on the area of growth and the type of pre-treatment, unpredictable discoloration may in some cases appear on different types of hard wood, such as beech, cherry and others.

In addition, it is possible that iron together with the tannin in the wood can cause discoloration, especially in the case of oak. We recommend you test this for yourself.

### **Cleaning**

Clean machines and utensils with water before the adhesive dries.

## Equipment

Do not use storage tanks, pipelines and spreading devices made from carbon steel, galvanised steel, aluminium or other non-ferrous metals on account of the slightly acidic nature of the adhesive, which can cause some corrosion.

For this reason, we recommend the use of storage tanks, pipes and spreading devices made from stainless steel or plastic (hard PVC, polyethylene, polyester resin).

## Adhesive Technical Data

Colour:	Creamy white.
Viscosity:	9,000 – 21,000 mPas. (Brookfield HB, Spindle 6, 20 rpm, at 25°C, on the day of production).
pH value (diluted 1:1 with water)	5.5 to 7
Base:	PVA dispersion.

## Guidelines for Storage

GP2 has a minimum shelf life of 6 months from the despatch date in its original unopened packaging, provided the product is stored hygienically at temperatures between 5 and 35 °C, avoiding frost and direct sunlight.

Whilst not usually necessary, it is good practice to stir PVA based adhesives prior to use.

## Product Safety and Environmental Protection

Please employ the usual protective measures while handling water-based PVA adhesives. Further product safety information can be obtained from our Sales Office.

This information is based on our present state of knowledge and is intended to provide general notes on our products and their possible uses. However, we do not assume any liability whatsoever for the accuracy or completeness of the information contained herein. It should therefore not be construed as an expressed or implied warranty of specific properties of the products or for its suitability for a particular use. Any existing industrial property rights must be observed. The quality of our products is governed by our General Conditions of Sale. In every case we urge and recommend that purchasers before using any product in full scale production make their own tests to determine to their own satisfaction whether the product is of acceptable quality and is suitable for their particular purposes under their own operating conditions.

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