

**UF resin for cold or warm curing methods**

**950.50**

**Application:** For bonding veneer and decor paper, HPL and CPL materials to wood-based substrates, in warm and hot presses, also for solid wood bonding.

**Characteristics/ Directions** Powder glue very low in formaldehyde, with integrated hardener and organic thickeners in exact dosage, hardly any bleeding through.

**for Use:** The glue has to be mixed in lukewarm water (18 – 22 °C) with a weight ratio of approx. 2 : 1 (powder : water), e.g.:

**10 kg Jowat® 950.50 UF resin                      and 5 kg water, or**  
**10 l Jowat® 950.50 UF resin                      and approx. 3 l water**

Depending on the viscosity desired, the amount of water added may vary by ± 5 %. Can be used with the standard applicator systems (spatula, hand roller or glue spreader). If desired, the glue can be coloured with water-based stains or with mineral colours free of alkali.

In case difficult veneers are to be bonded, the glue may be mixed with 10 to 20 % of for instance Jowacoll® 113.10 in order to improve the adhesion, also increase the pressure.

Pot life at 20°C [h]:	<3
Adhesive application:	one-sided
Quantity applied [g/m²]:	120 – 150
Open assembly time [min]:	approx. 15
Wood moisture content [%]:	6 – 10
Pressure [N/mm²]:	>0.5

<b>Pressing temperature [°C]:</b>	<b>20</b>	<b>30</b>	<b>70</b>	<b>100</b>
<b>Minimum pressing time [min]:</b>	<b>180</b>	<b>65</b>	<b>3</b>	<b>40 [s]</b>

Tested according to Jowat test methods on veneer of 0.6 mm thickness. In case of thicker veneers, the pressing time per mm needs to be longer by 30 to 90 seconds, in relation to the pressing temperature.

Appearance:	beige
Powder density [g/l]:	approx. 610
Resin content [%]:	approx. 70

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**12/17** All data indicated are characteristics represented as average values. Our technical data sheets are constantly revised to represent the latest state of technology. This edition is replacing all previous ones, and is valid on the date of compilation.  
**Please refer to the last page of this technical data sheet for additional information.**



**Cleaning:** Machines and equipment may be cleaned after use with cold or warm water. After cleaning, at least the ferrous parts should be treated with the release agent Jowat® 900.00 to prevent rusting.

**Storage:** In properly closed original containers, cool and dry (15 – 25 °C). Best-before date, please refer to label on the packaging unit. Increased storage temperatures may reduce shelf life.

**Packaging:** Types of packaging and units upon request.  
Kraft paper with PE liner, 25 kg net.

**Remarks:** **For further information concerning safety, handling, transport and disposal, please refer to the Safety Data Sheet.**

Our information on this data sheet is based on test results from our laboratories as well as on experience gained in the field by our customers. It can, however, not cover all parameters for each specific application and is therefore not binding for us. The information given in this leaflet represents neither a performance guarantee nor a guarantee of properties, nature, condition, state or quality. No liability may be derived from these indications nor from the recommendations made by our free technical advisory service.

## **Jowat Information**

Gluing as one of the most efficient methods of bonding is constantly gaining importance and expanding into new areas of application. At the same time, the number of substrates to be bonded is also growing at an unprecedented rate. New methods and equipment to process adhesives are developed.

The in-house R & D departments of Jowat are responding with intensive efforts to keep pace with these constant changes. A highly qualified team of chemists and engineers is using the latest techniques and brightest ideas to provide the utmost in advice our customers and to make sure that they get the adhesive which meets their needs.

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The processing company itself must therefore test the adhesives manufactured by us for suitability in each individual case. This applies to the first use of a sample as well as to modifications during an ongoing production.

We are therefore requesting all our new customers to test our adhesives for suitability on original parts at conditions equal to normal processing conditions. The bond has then to be subjected to the actual stress which it would undergo when in use and has to be assessed. This test is absolutely necessary.

Customers who undertake modifications during a running production are requested to pass this information on to us. Please notify us when machines are set to new parameters as well as when the substrates to be bonded are changed. Only then will Jowat be able to provide our most up-to-date information to the processor using our adhesives.

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