

PROPELLERLEIM Super W/DW

Application areas:

Propellerleim Super W-DW a special developed glue for windows and laminates. It corresponds to the quality grade established by DIN standard EN 204/D3 as a one-component glue. It can be used also with hardener. (hardener addition 5%). After addition of hardener the mixture attains the glue quality D4. Propellerleim Super W-DW is tested after WATT'91 with very good results (Ultimate tensile strength > 7 N/mm² at 80°C).

Advantages:

Even without the addition of hardener the system has a high stability. After addition of hardener the pot life lasts about 7 days, nevertheless the system, sets up very fast. Because of the long pot life work can continue without losses. The pot life also provides for a easy cleanup.

Recommended conditions of use:

Application amount	: ca. 120-150 g/m ² , according to the wood type.
Application	: cold and hot processes, application by hand and machine
Application temperature	: 15-20 °C recommended (59-68 °F)
Wood moisture level	: 10-12 %
Clamping pressure	: 2-5 kp/cm ²
Working time (Open time)	: 6-12 minutes (depending on air temperature)
White point	: 4-5 °C (39-41 °F)

Clamping times: (Standard values without addition of hardener)

	Cold gluing ca. 20° C (68 °F)	Hot gluing 40 °C(104 °F)	70 °C(158 °F)	80 °C(176 °F)
Joint gluing	8-18 min.	7 min.	5 min.	4 min.
Veneers	8-18 min.	7 min.	4 min.	3 min.
Surface gluing (DKS boards)	15-20 min.	7-10 min.	5-7 min.	3 min.

Further processing:

Cold gluing : after 30-60 minutes
Hot gluing : after cooling

Processing tips:

The given clamping times and setting times are only approximations. Finished adhesion strength is achieved after 7 days. Own tests are recommended. Before you add the hardener, please check them for perfect condition. Hardener must be completely dissolved without any sediment.

Problems with discoloring:

All Rhenocoll wood glues are normally free from discoloring. However through different contents of wood ingredients (e.g. tannic acid, resins) reactions can not be excluded. Such reactions can cause changes of the wood. Discoloring can also be caused through reactions between glue and wood lacquer. So we recommend, especially at valuables, to do preliminary tests.

Storage:

12 months, protect from frost. Do not bring into contact with iron,

Hazard Category:

none

Labelling:

Does not need to be labeled in the sense of the working materials regulation for hazardous working materials.

Supply units:

12 kg bucket
32 kg pail
150 kg drum
1000 kg container

Service:

Our counseling service for technical applications is ready to help you at any time without obligation.

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This information is given without obligation and is based on practical experience as well as on experiments which we have carried out and are not attribute guaranties in the sense of the newest BGH legal requirements. In any case we recommend that users make their own tests since we have no influence over the large variety of materials and their use. No liability for the manufacturer can be derived from the contents of this notice.

Statements going beyond or deviating from the contents of this notice requires the written confirmation of the company headquarters.

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