



Jowatherm-Reaktant® MR 608.90



Monomer-reduced PUR edgebanding adhesive (PUR MR)

Unfilled hot melt adhesive for colourless adhesive joints

**For all standard edgebands
(e.g. ABS, PP, veneer, resinated paper)**

No GHS labelling necessary*

No P and H statements necessary*

(*according to EU regulation 1272/2008 and EU directive 2008/58/EC)

One-component, moisture-curing PUR hot melt adhesives have been an established technology in the wood and furniture industry for several decades.

In general, conventional PUR hot melt adhesives have an excess of free monomer isocyanate (usually 4-4'-diphenylmethane diisocyanate – short MDI) in the order of approx. 2 %. Since 2012, products containing isocyanate which have a free monomer isocyanate content of 0.1 % or more need to be labelled with the GHS hazard pictogram No. 8 (health hazard) and the relevant safety information (H and P statements). Adhesives with a free monomer isocyanate content below 0.1 % are not subject to labelling restrictions with regard to hazardous substances.

Jowat has already been working successfully on alternative technologies which are below the limit of 0.1 % since the beginning of the 21st century.

The **Jowatherm-Reaktant® MR** (monomer-reduced) product group from Jowat provides several PUR hot melt adhesives for a wide range of applications which are not classified as hazardous substances. The portfolio has now been expanded and a premium product for highest demands in edgebanding has been added as a complement to the established general-purpose product **Jowatherm-Reaktant® MR 607.90/91**.

In addition to the high-quality bond at “PUR level”, the new unfilled PUR hot melt **Jowatherm-Reaktant® MR 608.90** also impresses with a colourless adhesive film. This facilitates very thin, barely visible bondlines for attractive furniture fronts – especially on furniture with dark decor materials or high-gloss surfaces. To meet the requirements for the unbroken trend in the furniture industry, Jowat also supplies **Jowatherm-Reaktant® MR 608.91**, a pure white colour version for white and very light decor materials.

Jowatherm-Reaktant® MR 608.90/91

For automatic edgebanders. Wide range of applications, e.g. for edgebands made of pressure laminates, polyester, PVC, ABS, PP, resinated paper, solid wood, or veneer.

Polymer basis		PUR MR
Processing temperature	[°C]	120 - 140
Density	[g/cm³]	1.1 ± 0.1
Viscosity at 140 °C	[mPas]	60,000 ± 20,000
Open time at 140 °C	[sec]	8 ± 3



The information given in this leaflet is based on test results from our laboratories as well as on experience gained in the field, and does in no way constitute any guarantee of properties. Due to the wide range of different applications, substrates, and processing methods beyond our control, no liability may be derived from these indications nor from the information provided by our free technical advisory service. Before processing, please request the corresponding data sheet and observe the information in it! Customer trials under everyday conditions, testing for suitability at normal processing conditions, and appropriate fit-for-purpose testing are absolutely necessary. For the specifications as well as further information, please refer to the latest technical data sheets.