

Jowatherm-Reaktant® 607.40



Easy processing due to excellent thermal stability (less cleaning required)

Top quality in edgebanding for water resistant “zero bondlines”

General-purpose, for all standard edgebands

Different packaging units (also available in granulate form)

Also available as white version: Jowatherm-Reaktant® 607.41

Jowat 

For decades, bonding edgebands to wood-based boards has been an established practice in the manufacture of furniture. Progress in engineering and processing technology, as well as a growing diversity of processed materials from different manufacturers, and especially the demand for visually more appealing furniture have placed higher demands on adhesives and adhesive technology.

Consumers demand furniture with perfect and almost invisible bondlines.

Jowatherm-Reaktant® 607.40 is an PUR hot melt of Jowat for all requirements in edgebanding. The reactive hot melt adhesive based on polyurethane meets superior requirements regarding moisture and heat resistance. Jowatherm-Reaktant® 607.40 is a PUR hot melt for edgebanding with very good initial strength, excellent flexibility at low temperatures, and good resistance to solvents. Depending on humidity and material moisture, crosslinking takes place within a few days.

Jowatherm-Reaktant® 607.41 is the white version for a perfect colour adaptation to today's modern furniture designs.

INFO: Reactive PUR hot melts

Reactive PUR hot melt adhesives are based on polyurethanes with a thermoplastic character. After the adhesives has reacted with moisture, an interlinked polymer with high molar mass is formed. Reactive hot melt adhesives are setting when cooling down, therefore facilitating fast processing, and short joining and pressing cycles. This class of adhesives provides the advantages of classic thermoplastic hot melts together with the strength and resistance of cured two component adhesives. Reactive hot melts have become an established alternative to conventional systems in numerous applications. They are used for edgebanding as well as for profile wrapping, flat lamination and for assembly applications.

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For automatic edgebanders. Wide field of application, e.g. edges made of HPL/CPL, polyester, PVC, ABS, PP, resinated paper, solid wood or veneer.

Polymer basis		PUR
Processing temperature	[°C]	approx. 140
Open time at 140 °C	[s]	approx. 8 ± 2
Reaction time	[d]	approx. 4-7
Density	[g/cm³]	approx. 1.35 ± 0,005
Viscosity at 140 °C	[mPas]	approx. 77,500 ± 22.500
Colour		beige, white



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.

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