



Jowatherm-Reaktant[®]

609.00



PUR hot melt adhesive for flat lamination

General-purpose for many different materials

High green strength for substrates with high restoring forces

Long open time for superior process stability

Laminating is one of the oldest and at the same time one of the most widely used adhesive applications. Products have been laminated for a variety of reasons. While laminations largely fulfilled decorative requirements, e.g. coating visible furniture parts with attractive veneers, today they provide additional functions. For instance, surfaces and materials may be protected by laminating them with a high-resistance layer (e.g. kitchen worktops laminated with pressure laminates such as HPL), and adding material functions in the production of composite elements (e.g. fire resistance, break-in protection or noise insulation in the door industry).

Jowatherm-Reaktant® 609.00 is a hot melt adhesive based on PUR (polyurethane) for flat lamination applications with superior requirements. The long open time of the adhesive allows a lot of flexibility in processing. Coupled with a high green strength, it facilitates the reliable bonding of most different materials (see image).

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For flat lamination and manufacturing sandwich elements, as well as for assembly operations.

Processing temperature	[°C]	110 – 130
Feed speed	[m/min]	up to approx. 40
Density	[g/cm ³]	approx. 1.1
Viscosity at 120 °C	[mPas]	15,000 ± 5,000
Open time	[min]	4 ± 1
Reaction time	[d]	2 – 5
Colour / Appearance		yellowish



- + Wide range of adhesion for bonding different materials.
- + Flexible processing characteristics and stringing-free application even at high feed speeds up to 40 m/min.
- + Pressure-sensitive properties facilitate a user-friendly positioning of the materials to be laminated.

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.