

## PUR hot melt adhesives: The "allrounders" for lightweight assembly

*The No. 1 topic discussed at the ZOW 2010 is lightweight construction. The Jowat AG is introducing its product family of PURs for lightweight applications with interesting practical examples of processing.*

**Detmold.-** The Jowat AG supplies a complete range of adhesives for all trade and industrial bonding processes in the woodworking and furniture industry.

Whether for edgebanding, flat bonding, panels or honeycombs, in wood, metals or plastics - reactive PUR adhesives are coming out ahead today where exceptionally high strength and flexibility levels are required. PUR hot melt adhesives are already used in many operations of trade and crafts for furniture, interior fitting, event and shop builders, but also for professional interior finishing companies of large-scale building projects. These adhesives exhibit versatility and excellent cost-efficiency rates, and additionally the investments into modern engineering technology are limited. All these factors combined allow companies to keep pace with design developments. They also play a major role in improving the profitability of carpentry shops.

By comparison to other adhesives, PUR systems have clearly grown at a much faster rate. The PUR adhesive systems also are finding increasingly more applications in the lightweight construction industry. The Jowat AG has therefore determined that this topic will be a core subject for the technical service consultation in 2010.

PUR hot melts are the "allrounders" of lightweight construction. Due to their excellent adhesion on many diverse materials, they achieve strong bonds even when the bonding surface itself is minimal, which is for instance the case when honeycomb materials are bonded into the shells, and also when edges are applied to these lightweight panels. "Bonding on nothing" is the motto when lightweight panels are assembled.

Not only the "allrounder" is needed in the furniture industry and shopfitting, but also the "adaptability talent". The out-of-the-way designs of shop designers and trade show architects frequently demand not only that the bond is solid, but also that it is flexible and allows for mobility without loss of strength. This versatility is provided by the tailored PUR adhesives.

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Contact Jowat AG
<b>Jowat AG</b> Ulrich E. Schäfer Director Industrial Division Woodworking, Construction & Furniture Ernst-Hilker-Straße 10-14 D-32758 Detmold Phone: +49 5231 749-106 Fax.: +49 5231 749-156 E-Mail: presse@jowat.de

Contact Flowmedia
<b>flowmedia GmbH</b> Annette Menzel Bülowstr. 20 32756 Detmold Phone: +49 5231 94 42 428 Fax: +49 5231 94 42 416 E-Mail: presse@flowmedia.de

Further information
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