

## Brilliant wooden surfaces – a sure thing with Jowat

The Jowat AG from Detmold is presenting a special PUR hot melt adhesive for laminating high-gloss surfaces

*Detmold.- High-gloss surfaces are conquering the market: already they are everywhere, in kitchens, living rooms and bedrooms. This gives the Jowat AG in Detmold a good reason to simplify the manufacture of these surfaces even more, by offering innovative products: Apart from the bonding of high-gloss thick foils onto particleboard or MDF panels, the adhesive specialist from Detmold has developed a new procedure to ensure perfectly brilliant surfaces on profiles and wood-based substrates, also on veneer as reel material - this is ensured by a novel PUR hot melt adhesive designed specifically for this task.*

It is extremely labour-intensive to achieve perfect varnished surfaces: multiple layers of lacquer must be applied to reach a first-rate result. High-gloss thick foils are the cost-efficient alternative, applied with a moisture-curing PUR (polyurethane) hot melt adhesive from Jowat onto particleboard or MDF. This will create finished furniture fronts in a single operation.

High-gloss thick foils can only be used in sheet form, and their limitations in colour design do not allow individual decors – this was the reason for Jowat to develop a new method for the manufacture of high-gloss wood-based surfaces: Depending on the requirements which these surfaces have to meet later on, they are laminated onto the substrates with different foils from reels, using Jowatherm-Reaktant® PUR hot melts especially developed for this task - and this process permits finishing of all imaginable types of wooden substrates.

Apart from materials in sheet form, even veneers in reel form can be coated by this method, using high-gloss foils. Wrapping profiles with these foils is equally possible. When suitable methods for colouring or patterning the foil are used, it is possible to achieve the optical effects of matte, aged or whitewashed products - in one single processing step.

Experience with industrial applications of these foils has already been

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# Press Release

made. The Karl W. Niemann GmbH & Co., KG in Preußisch Oldendorf has implemented lamination of the foil to wood-based substrates, using a special Jowatherm-Reaktant® PUR hot melt. The adhesive is here applied in an almost dust-free environment onto the reverse of the foil, using a width-adjustable slot nozzle. Depending on the absorbency of the substrates, the application amounts run from 40 to 80 g/m<sup>2</sup>. By this method, the company achieves highly brilliant surfaces on wood-based substrates. Highly reliable and uncomplicated - with Jowat!

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## Introducing Jowat

The Jowat AG with headquarters in Detmold is one of the leading suppliers of industrial adhesives. These are mainly used in woodworking and furniture manufacture, in the paper and packaging industry, the textile industry, the graphic arts, and the automotive industry. The company was founded in 1919 and has manufacturing sites in Germany in Detmold and Zeitz, plus three other producing subsidiaries, the Jowat Corporation in the USA, the Swiss Casanin AG, and the Jowat Manufacturing in Malaysia. The supplier of all adhesive groups is manufacturing over 70,000 tons of adhesives per year, with around 650 employees. A global sales structure with 15 Jowat sales organisations plus partner companies is guaranteeing local service with close customer contact.

<b>Further information</b>
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**Jowat**   
Klebstoffe