

Reliable processes, clean bond results

The Jowat innovation for edge and profile: Hot melt adhesive Jowatherm® 280.50

Detmold.- When edgbanding and profile wrapping is made by roller application and using hot melt adhesives, the quality of the finished items depends on various parameters - for instance on good compound strength data, safe processing and easy finishing procedures. The Jowat AG in Detmold has developed an innovative adhesive which fulfils all of these requirements perfectly: Jowatherm® 280.50 - convincing due to a long open time, a high hot tack, and developing a very good compound strength with reduced grammage. These are the best preconditions to make a production most efficient, while also reaching top level product quality.

All processors are aware of this problem: When hot melt adhesives are applied by rollers, a certain combination of unfavourable processing parameters will lead to a marked stringing effect. The Jowat AG, in Detmold carried out in-depth research to find the causes for this phenomenon. The result: The stringing is not only enhanced by a wider roller pattern but also slow feed speeds. Additionally, a higher temperature during application and processing, as well as a higher adhesive grammage, will reinforce the stringing tendency - but exactly these factors ensured up to now the most reliable processing with regard to the compound strength to be reached.

For excellent compound strength levels and a reliable process combined with easy finishing without soiling by stringing, Jowat has found the key to success in a formulation which exhibits a corresponding open time respectively hot tack, accompanied by a reduced adhesive grammage.

These findings led the adhesive specialists at Jowat to formulate another innovation: Jowatherm® 280.50, the optimum for edgbanding and profile wrapping, and well-suitable for roller and nozzle applicators.

"The new and multi-purpose hot melt adhesive - Jowatherm® 280.50 - really provides the answers and solves the problems faced by the

Date
May 19, 2009

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Press Release

processors, at the same time offering a good cost-savings potential," declares Ulrich Schäfer, Industrial Division Manager Woodworking, Construction and Furniture. "Soiling of the chain belts and pressure rollers, resulting in a sustained reduction of wear on the machines, will be an issue of the past."

Reliable processes, clean adhesive results - due to Jowatherm® 280.50.

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.

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