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CARRIERLESS PUR HOTMELT ADHESIVE TAPE FOR EDGEBANDING APPLICATIONS

ABSTRACT:

Adhesives for edgebanding applications are one of the core competencies of Jowat who was always driving innovation in this field. For decades, edgebanding of wood-based panels with a variety of edgebands has been an established practice in the furniture industry. Modern, thermoplastic and moisture-curing reactive adhesives ensure superior bonding strength and high-quality appearance in edgebanding applications. A broad spectrum of adhesion to different edgeband materials is equally important as fast adhesive setting for direct downline processing and high heat resistance and durability. PUR hot melt adhesives are renowned for meeting the highest demands with regard to a zero-bondline appearance as well as resistance to heat, moisture and chemicals in kitchens and bathrooms.

Several years ago, Jowat patented a process for the underwater granulation of PUR hot melt adhesives. Nowadays Jowat supplies many hot melt adhesives of the latest generation also in granulate form.

The ease of processing makes them particularly attractive for processors who have not used the PUR technology before. This year another innovative technology is presented to the public in collaboration with Felder KG (Austrian edgebanding machine manufacturer). The (from applicator point of view) sometimes cumbersome use of a PUR-glue pot or melting unit in connection with high cleaning efforts can be omitted by using a novel carrierless reactive PUR-HM adhesive tape, which makes the processing easier and more effortless than ever before. Instead of the PUR adhesive in the glue pot of edge banding machines, a thin PUR adhesive strip is fused almost invisibly between the edge material and the workpiece. All advantages of the PUR adhesives can be used uncompromisingly while drawbacks such as complicated storage and processing, dirty and hardened glue pots and annoying cleaning belong to the past.