



HotPUR – Development of reactive polyurethane resins for applications as hot-melt in wood industry

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ABSTRACT

Project HotPUR is promoted by Lorcol, in cooperation with Faculdade de Engenharia da Universidade do Porto, Instituto Politécnico de Viseu and Associação Rede de Competência e Polímeros, as R&D partners, and and VICAIMA a leading European doors manufacturer. The project's main objective is to provide Lorcol with a new line of products: reactive polyurethane hot-melt adhesives, PU-HMR. This will allow Lorcol to fill a gap in its product portfolio. The company will be able to offer a complete range of adhesives for the wood industry. Even though PU-HMR are already supplied by some multinational adhesive manufacturers, Lorcol intends to take advantage of its close relationship with national industries, and offer a unique service of tailoring PU-HMR performance to meet the needs of each client. This differentiation, which has already allowed the company to conquer a predominant position in the national market, is founded on the acquisition of new knowledge in the project's context. This strategy will allow Lorcol to increase its competitiveness in face of international competitors.

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