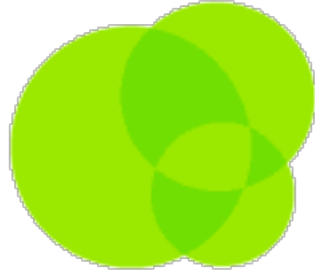


BINOS AND ZELFO TECHNOLOGY ENGINEER AN ALLIANCE

April 2013



Zelfo[®]
TECHNOLOGY

Having achieved ‘proof of principle’ with a pilot scale Zelfo fibreboard production line, Zelfo Technology GmbH and Binos GmbH are pleased to announce a strategic alliance to facilitate the market entry of the Zelfo engineered fibre binder system into the board making industry.

The alliance with Binos GmbH is a natural development for Zelfo Technology as Binos, who are board making machine experts, have been active in the fibreboard field for over 80 years. As a result they have state of the art production models for the manufacturing of MDF, OSB, Cement and other particleboard systems. Together the two parties have developed a delivery system to form light, (0.4g/cm³) mid (0.7 – 10.g/cm³) and full density (1.5g/cm³) boards using the Zelfo engineered cellulose binder system. For the board making industry the new system offers opportunities for the manufacturing of existing and new products using Zelfo engineered fibre bio-binder based binders allowing them to move away from some oil, synthetic, or cement based binder systems. Importantly, Zelfo binder systems can offer a VOC (formaldehyde resin) free solution for several board types. Additionally, panel systems that currently use ‘standard’ natural fibres for property enhancement can be ‘upgraded’ with Zelfo fibre for higher performance. Industry know-how and further strategic alliances feed into the design of the end product allowing customised material property development, i.e.; waterproofing, heat/fire resistance and flexibility. Zelfo Technology’s staff in Toulouse as well as in the UK have already carried out testing of the materials. Base fibres used are globally sourced and include natural ‘field’ sources from new and waste fibres such as Flax, Coconut, Hemp, as well as recycled industrial and post consumer waste and ‘superior’ fibres such as Kraft and Hemp Cellulose.

Several commercial contacts have already shown interest ranging from thin laminate style boards manufacturers to MDF & OSB production firms. End product clients are also eager to test the forthcoming bio-boards and to this end the Zelfo Technology / Binos alliance aim to enable their manufacturing partners to produce products of equal if not superior performance products at a competitive price.

Existing manufacturing and end product (user) clients are already booked to visit the plant in mid 2013 and are gearing up to supply their particular raw materials and specifications. Client interest is expected to expand rapidly following marketing exercises, which both companies are currently heavily engaged in.

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