

BETTER IMPREGNATED PAPERS

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ALTON ES 700

A good surface quality of melamine-formaldehyde impregnated paper is fundamental to get a perfect laminate during pressing. Due to several variables like quality of raw paper, pick-up of the resin, right ratio between saturation and coating, profile of temperature during drying, impregnated paper could result in a rough surface characterised by micro-bubbles, small craters and stiffness. All these unwanted characteristics can be source of dust during drying on the impregnating line, during cutting of final paper and during storage and generally during the handling of sheets of paper.

This happen mainly on some mono chromatic and heavy paper like the black or dark shades, red and orange, but also on some poor heavy charged paper like the one used as balance in short cycle technology.

WIZ chemicals to solve these inconvenient propose a special additive, ALTON ES 700, that added to the resin exceptionally modify the surface through a very low dosage. The pictures below show the dramatic difference between a treated and untreated paper. This result was gotten only with 0.1 % of ALTON ES 700 on the weight of resin. Little higher dosages (0,2-0,3 %) permits to obtain also a smooth plastic surface with improved brilliance.

We think that this improvement can be very useful both for companies that directly transform the paper making laminates and also for the ones that sell impregnated paper or move the papers from one site to another.

