

EKA'S Compozil FX System For High Speed Fine Paper Machines

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ABSTRACT

The **Compozil Fx** system was developed to meet the new customer demands of modern fine paper making. These include machine speeds in excess of 1500 mpm, target ash contents in excess of 30%, increasing use of recycled fibres, achieving stable retention with excessive dewatering and the retention of more challenging fillers. The Compozil Fx components are added and controlled to achieve agreed specific customer goals.

A key advantage of Compozil Fx is the ability to 'decouple' the retention and dewatering characteristics of traditional systems, thus providing the optimum balance between retention, dewatering and formation. This in turn has allowed the customers to enjoy cost efficient, stable retention at paper high ash and high machine speed conditions, leading to stable machine runnability optimum sheet quality. The ability of Compozil Fx to do this has allowed it to become the system of choice for modern fine paper machines in Asia/Pacific.