re-shaping machine performance

formexx
engineered drainage

now available with EnerSTAR™
XERIUM
formexx provides a totally new platform of forming fabric performance.

With a higher concentration of machine-side yarns and fewer sheet-side machine direction yarns, combined with more cross-machine direction yarns, formexx creates drainage channel geometry like no other fabric. This approach enables very high surface open area along with very high fiber support. In addition, the formexx weave structure provides an extremely stable fabric, ideal for application on the most demanding positions.

**the benefits**

By combining controlled drainage channels with high sheet-side open area, formexx provides enhanced formation and retention at high drainage rates enabling higher sheet quality, reduced energy consumption and a wider operational window on the former. In addition, the built-in mechanical stability ensures more and economic life when compared to traditional SSB and MD-bound products. formexx is also available with the exclusive EnerSTAR technology option which provides unprecedented reduction in friction across the forming and vacuum elements resulting in significantly lower energy requirements. This innovative new technology is already helping customers reduce their electrical costs in the forming section while extending the life of the forming fabrics.

**formexx results**

**improved drainage**

- efficient PM performance due to increased drainage capacity
- improved dryness due to controlled initial drainage

**retention**

- high CMD orientation on paper side supports the fiber retention
- high free surface on paper side improves the hydrodynamic retention of fines and fillers

**fabric stability**

- high skew resistance leading to best guiding properties
- improved bending stiffness, particularly in CMD vs conventional SSB, supports better profiles

exclusively from Weavexx and Huyck.Wangner

www.xerium.com