



**Johns Manville**

A Berkshire Hathaway Company

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NEWS RELEASE / PRESSEMITTEILUNG

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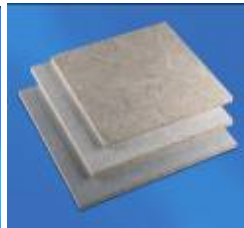
**Techtextil – June 16-18, 2009**  
Hall 3.1, booth E 79

Dear Editor:

These images are available electronically (jpg) at <http://www.im-reinforcement.com/ftpic/pic.asp>



StabilStrand®  
EW 230 C-A/DPL  
StabilStrand®  
EW 230 C/DPL



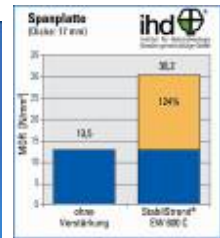
Engineered wood  
materials reinforced  
with StabilStrand®  
glass fiber nonwovens



Directly printed  
particle board for  
furniture



Digital - Direct  
Pressure  
Laminates with impact  
properties class 34



MOR increase  
StabilStrand®  
EW 600 C, particle  
board 17 mm

## Innovative b-stage Melamine Glass Fiber Nonwoven for Engineered Wood and Laminates

Wertheim/Frankfurt, June 16<sup>th</sup>, 2009 --- Today, Johns Manville (JM), a leading manufacturer and marketer of premium-quality products for building and special applications, presents its StabilStrand® glass fiber nonwoven family at the Techtextil 2009 show in Frankfurt.

StabilStrand® is a glass fiber nonwoven impregnated with a b-stage resin system for engineered woods and laminates. These melamine coated glass fiber nonwovens significantly improve the properties of engineered woods and laminates. Flexural strength and E-modulus can be increased by more than 50 percent.

StabilStrand® product recipes are tailor-made for particle board, MDF, HDF, OSB, plywood boards and laminates and proven for different standard press processing.

The resinated glass fiber nonwoven is applied to the engineered wood material and cured under heat and pressure. This can be done either during the production of the wood fiber substrate or in a separate off-line processing step directly onto the finished wood fiber board. The resin of the glass fiber nonwoven couples with the wood fibers, which leads to a homogeneous fiber composite. The glass fiber is chemically bonded with the resin – unlike an adhesive bonded sandwich structure.

Laminate floorings achieve impact values of above 25 N in small ball impact tests and 2000 mm in large ball falling tests. In common fire tests special types of StabilStrand® have proven class F30 compliance with out any problems. Other features like abrasion or scratch resistance and antistatic can be designed individually. In addition, StabilStrand® products pressed onto particle or MDF boards are ideally suited for direct printing, indirect printing and digital printing, as well as for powder coating.

### **About Johns Manville**

Johns Manville, a Berkshire Hathaway company (NYSE: BRK.A, BRK.B), is a leading manufacturer and marketer of premium-quality products for building insulation, mechanical insulation, commercial roofing, and roof insulation, as well as fibers and nonwovens for commercial, industrial, and residential applications. JM serves markets that include aerospace, automotive and transportation, air handling, appliance, HVAC, pipe and equipment, filtration, waterproofing, building, flooring, interiors, and wind energy. In business since 1858, the Denver-based company has annual sales in excess of \$2 billion and holds leadership positions in all of the key markets that it serves. JM employs approximately 7,000 people and operates 40 manufacturing facilities in North America, Europe and China. Additional information can be found at [www.jm.com](http://www.jm.com).