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Sharing Ideas for Growth



EDITORIAL

LISTENING AND SHARING IDEAS FOR GROWTH



Trade shows present many possibilities for communication. With scores of industry people in the same location, for example, there are opportunities to meet face to face and share ideas. Shows also provide forums for introducing innovations, new products and technical papers. And sometimes just being there in a difficult economic environment communicates commitment.

Upcoming examples of all of that for Owens Corning are Techtextil in Frankfurt (June 16-18) and Wind Power Asia in Beijing (July 8-10). Both shows focus on markets to which we are very strongly committed.

Participating at Techtextil will be OCV™ Non-Woven Technologies, the leading global producer of glass-based veils and specialty non-woven mats used in multiple applications and industries, and OCV™ Reinforcements, which makes a variety of glass fiber products for the textile reinforcement of cement-based applications. Joining them at Wind Power Asia will be OCV™ Technical Fabrics. All three businesses are leading suppliers to the wind energy market and they were present recently at the large wind energy show in the U.S.

Considered together, these shows also reflect how the OCV businesses are engaged with you in large end-user markets globally. Like you, we are listening to key industries and the customer to better understand their needs and develop solutions.

All of the OCV teams look forward to showing you their commitment, listening and sharing ideas for solutions that will create value as you serve your customers around the world.

A handwritten signature in black ink that reads "Chuck Dana". The signature is written in a cursive, flowing style.

Group President
Composite Solutions Business

03 A Room Full of Solutions at Techtextil



OCV™ Non-Woven Technologies is known for having a variety of innovative products serving numerous markets. At Techtextil in Frankfurt, Germany (June 16-18), the business will show how even a few of those applications are more than enough to fill a room.

At Techtextil 2009 (Hall 3.1 Booth H23), OCV Non-Woven Technologies will present the latest innovations in its main market segments of ceilings, gypsum facers, high-pressure laminated wall panels and flooring, fabric wall coverings and carpet tiles. The applications show how the business is focused on providing solutions to improve the performance of building materials by tailoring its products for fire performance, humidity-, tear- and impact-resistance, and more.

OCV Non-Woven Technologies also makes veils for batteries, road paving and insulation facings. For use with polymers, the business makes surfacing veils for composite pipe, tanks and wind blades.

Joining OCV Non-Woven Technologies at Techtextil will be sister business OCV™ Reinforcements. The reinforcements business will show a variety of Cem-FIL® alkali-resistant glass fiber products for the textile reinforcement of concrete or cement. For more information about OCV Non-Woven Technologies and OCV Reinforcements, visit:

www.owenscorning.com/composites



Carpet tiles

New Flooring Product

The company's newest product at Techtextil will be AdVeil™ non-woven glass veil. Introduced in March, AdVeil non-woven glass veil incorporates new technology that brings cost and production benefits to the cushion vinyl flooring industry.

AdVeil glass veil is supplied pre-filled with a proprietary inorganic formula that reduces plastisol use up to 150 grams per square meter – a savings of up to 30 percent compared to conventional non-woven glass veil offered in the marketplace.

1- Gypsum facers (courtesy of Georgia-Pacific)

2- Special impregnated non-wovens for high-pressure laminated wall panels and flooring

3- Suspended ceilings



1-



2-



3-

04 Favorable Winds for Zhongfu Lianzhong

China has the world's fastest-growing wind energy market and is expected to become the biggest manufacturer of wind turbine equipment by the end of this year. One company benefiting from that market is the Lianyungang Zhongfu Lianzhong Composites Group Co., Ltd.

Known as Zhongfu Lianzhong or simply Lianzhong, the enterprise is part of the China Composites Group Co., which is a sub company of China National Building Material Group Corporation. Lianzhong is headquartered in Jiangsu Province, the northern neighbor of Shanghai.

Founded in 1987 to make composite pipe and tanks, the company entered the wind blade business in 2005 and quickly became a leading domestic producer. Its first blade was completed in 2006 and in 2008 the company produced 900 wind turbine blade sets.

Lianzhong added three production facilities and now has more than 2,000 employees with the capacity to make 1,500 blade sets annually. By the end of this year, Lianzhong expects to have capacity for 3,000 sets.

"Time elapsed quickly," says Ms. Ren Guifang, chairman. "Zhongfu Lianzhong has passed through an extraordinary developing history of 20 years. The rotor blade project is becoming a first-class manufacturing base for blades in Asia."

Lianzhong is pleased with the fabrics and support it receives from OCV™ Reinforcements and OCV™ Technical Fabrics. "Lianzhong has a good business relationship with Owens Corning," says Qiao Guanghui, general manager. "We are quite satisfied with the technical and delivery service, as well as product quality from the OCV businesses."

For more about Zhongfu Lianzhong, visit www.lzfrp.com

OCV™ Businesses at Wind Power Asia

All three OCV businesses will participate in Wind Power Asia – July 8-10 in Beijing, China. This turnout reflects the company's commitment to wind energy and the market's growth in China and other Asian countries.

The three OCV businesses – Reinforcements, Technical Fabrics and Non-Woven Technologies – are the world's largest supplier of glass fiber reinforcements to the wind energy market. For information about OCV products for wind energy, visit www.owenscorning.com/composites/markets/Wind_Energy.asp





05 TPI Taicang Sees Wind Driving Recovery

One of the newest wind blade manufacturers in China expects the industry to be a key driver of global economic recovery.

“The wind energy market is booming in China,” says Jun Ji, general manager of TPI Taicang, an enterprise established by TPI Composites, Inc., of the USA. “We see the renewable energy industry as an engine of the global economic recovery and expect it to increase during the following decades.”

TPI Taicang opened in 2008 in the Taicang Port Development Zone, Jiangsu Province. The 190,000-square-foot plant has 600 employees and is the result of a long term supply agreement with GE Energy.

Justin Liu, supply chain manager for TPI Taicang, says the facility has a strong competitive position based on proprietary production processes including patented SCRIMP® technology for blade manufacturing. The company obtains products from all three of the OCV™ businesses – reinforcements, fabrics and non-woven surfacing veil.

“Cooperation is nice between us,” says Liu. “We learn from each other and grow together.”

“We are full of confidence that we will be successful in the wind blade market in China,” adds Ji.

Visit TPI Composites online at www.tpicomposites.com



Supporting Wind in Brazil

Owens Corning established the first facility for knitted fabrics in Brazil in 2006. Capacity was doubled in 2007, and in 2008 the company moved to a new facility and doubled capacity again.

OCV™ Reinforcements supplies Unifilo® continuous filament mat to wind energy customer Tecsis, headquartered in Sorocaba. Founded in 1995, Tecsis is a leading producer of blades for the world's largest wind turbine manufacturers.

OCV Reinforcements also supplies mat to Wobben Windpower Ltda, also in Sorocaba, a facility operated by Enercon GmbH, Germany.

Visit www.tecsis.com.br and www.wobben.com.br

06 Brandenburger Using Innovative Technology for Sewer Rehabilitation



During the second half of the 18th Century, Landau, Germany became known for a type of convertible carriage invented there. In the 21st Century, the city may well become known for an innovative composite sewer rehabilitation system developed there by the Brandenburger Group of Companies.

Most sewer pipe leaves the factory in a solid, fully cured state. Not so the liners from Brandenburger. The company's relining system is shipped to the site in boxes, inflated inside the existing sewer and cured with ultraviolet (UV) light. By delaying inflation and curing until the lining is inside the sewer, the system allows for trenchless rehabilitation of sewers and pipes.

Brandenburger developed the process in the early 1990s and has since installed more than 2 million meters (1,240 miles) of liner in 26 countries.

"Brandenburger has held a market-leading position in high-technology materials for almost 70 years," said Dr. Holger Schmeisser, managing director. "We had decades of experience in glass-fiber-reinforced plastics before we developed the Brandenburger liner in the early 1990s."

The Brandenburger process begins by winding corrosion-resistant glass fiber fabric from OCV™ Technical Fabrics. Brandenburger keeps inventory costs low by buying only two grades and two widths of fabric, all of it made with Advantex®

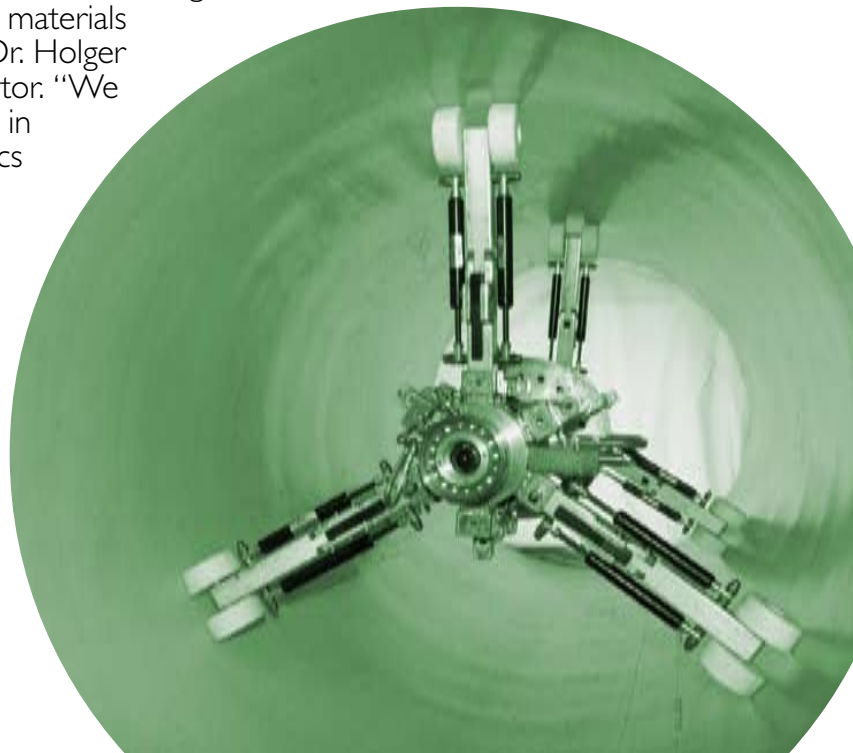
glass reinforcements. The company's impregnation department combines the fabric with a UV-sensitive resin and the result is wrapped in foil to block the light.

In the sewer to be rehabilitated, the prepreg is stretched and inflated to adhere it to the existing sewer line, then a chain of UV curing lights is pulled through the liner. A video camera follows the lights so technicians can monitor the process.

While sewer rehabilitation may seem like an unattractive business, Brandenburger is especially happy to be in the market this year because it is expected to be stronger than the overall economy.

"In Germany and several other countries, laws require inspecting and repairing sewer lines," explained Dr. Schmeisser. "With an aging infrastructure in place, we expect to remain busy."

Visit www.brandenburger.de.



07 Betsinor Innovates to Serve Leading Architects



Betsinor Composites of Lille, France, a part of the Rabot Dutilleul Group, is the country's leading manufacturer of architectural elements made with reinforced cement composites.

The company's strong and continuous innovation and development process enables it to bring added value to the market and answer questions often asked by designers about how to make durable construction products that incorporate their ideas.

"The products we manufacture must meet evolving thermal and seismic building specifications and also the requirements of leading architects we work with," explains Dominique Stoeux, general director, Betsinor Composites.

"Our products are difficult to make because there are no former examples," continues Stoeux. "They all are very highly customized products."

Technical innovation is a must

Architectural styles are evolving in favor of reinforced-cement composite applications and Betsinor's achievements with the

material are both numerous and impressive in public buildings, office buildings, transportation stations, tunnels and more.

During the past 20 years, architectural styles have been shifting to the flat façade elements that Betsinor makes functional with value-added solutions. Weight savings gives architects and building engineers more freedom in positioning the supporting elements and their panels can incorporate insulating material between the building's façade and structure.

In this fast-growing market, Betsinor decided to strongly invest in technology to combine the traditional injection-molding process with concrete and Cem-FIL® AR glass fiber from OCV™ Reinforcements. The resulting innovative process is key to improving both the manufacturing environmental (energy saving and scrap reduction) and the mechanical properties of the manufactured parts.

Teaming up with the right partners

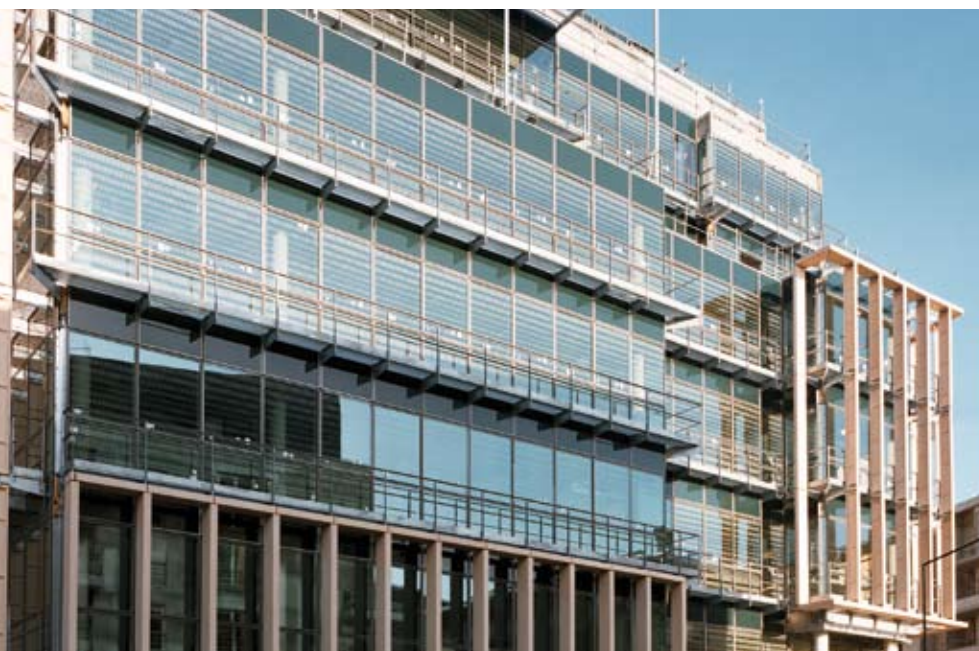
"My motto is not to engage in a project alone," adds Stoeux, "but instead find the right and complementary partner."

As an example, with the assistance of a company specializing in methacrylate materials, Betsinor made a splendid black geode for the library in Alexandria, Egypt. The building should withstand thermal amplitudes of the site with a controlled expansion and no cracking. In addition, the company manufactures products with a Ductal® (high performance cement-based) material process developed by Lafarge SA, a world leader in building materials.

Together with OCV™ Reinforcements, Betsinor is capitalizing on the opportunity to effectively share experience, expertise and knowledge of composites in the service of architecture.

Contact: www.betsinor.com.

Betsinor is now able to supply thin-profile parts such as curtain wall sunbreakers made up to 4 meters in length and only 20 mm thick (about 13 feet and 3/4 inches, respectively).



Wind Energy



 OCV Reinforcements  OCV Technical Fabrics  OCV Non-Woven Technologies

A new Wind Energy brochure is available highlighting OCV™ solutions at <http://www.ocvreinforcements.com/library.asp>

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