BASF experts at ?Husum WindEnergy? 2010

1888PressRelease
(1888PressRelease) August 25, 2010 [1] - The offering includes products and solutions that allow efficient production and coating of rotor blades, towers and foundations. BASF experts will give brief presentations at the congress center on September 23, from 2:00 PM through 3:00 PM, to introduce their ranges.

Epoxy systems, coatings and polyuethanes from BASF for rotor blade manufacturing

Rotor blades need to be extremely sturdy and weather-resistant to endure 20 years of operation. Epoxy-based composites are commonly used as materials for making these rotor blades. BASF provides two-component epoxy resin and hardener systems that offer highly beneficial properties under its Baxxodur® brand. These systems can speed up rotor blade manufacturing processes by as much as 30 percent.

BASF also offers polyurethane foams, additives for PVC foams and polyurethane-based adhesives for enhanced rotor blade stability.

Suitable coatings make rotor blades more resistant to environmental exposure. BASF offers RELIUS Processcoat, a groundcoat applied as a particularly thin film. Oldodur Blade Finish HS is a high-class, environmentally friendly finish that offers significantly enhanced resistance to any type of erosion induced, for example, by rain. These highly flexible specialty coatings offer reliable adhesion even in extreme exposure conditions.

Special grouting materials and coatings for wind energy towers and foundations

BASF offers special grouting materials for any kind of foundation. These products guarantee high long-term tower and foundation stability even in conditions of severe vibration caused by rotor blades and extreme weathering. In offshore plants in particular, the new MASTERFLOW® 9500 type of specialty mortar offers benefits in terms of extremely high fatigue life and outstanding resistance to wind, weathering and the multitude of load changes that occur.

Equipped with BASF's special coating materials, wind turbine towers enjoy excellent protection from harsh weather conditions

Find out more about the "BASF and wind energy" connexion at www.windenergy.basf.com.

About Husum WindEnergy 2010

Husum WindEnergy has been held every other year for 20 years – this year it takes place September 21 through 25. It is the most important international wind energy trade show. Some 950 exhibitor companies from a variety of industries will

showcase their contributions to the wind energy market and expect to attract around 25,000 visitors from 70 countries. More at: http://www.husumwindenergy.com/content/en/

About BASF

BASF is the world's leading chemical company: The Chemical Company. Its portfolio ranges from chemicals, plastics and performance products to agricultural products, fine chemicals as well as oil and gas. As a reliable partner BASF creates chemistry to help its customers in virtually all industries to be more successful. With its high-value products and intelligent solutions, BASF plays an important role in finding answers to global challenges such as climate protection, energy efficiency, nutrition and mobility. BASF posted sales of more than €50 billion in 2009 and had approximately 105,000 employees as of the end of the year. Further information on BASF is available on the Internet at www.basf.com.

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