



Phoseon Technology combines forces with Bürkle Machinery and Tikkurila Coatings for UV-LED Curing of Wood Coatings at IWF 2008

Curing of UV Wood Coatings using Phoseon's SLM™ technology based on UV-LED has significant process and environmental advantages.

Hillsboro, Oregon (August 18th, 2008) -- IWF 2008 in Atlanta sees the official North American unveiling of the co-operation between Robert Bürkle GmbH of Germany, the industrial coatings group of Tikkurila Oy of Finland and Phoseon Technology on the use of UV-LED drying technology for the curing of base coats and top coats onto roller coated wood components such as doors and furniture pieces. In May 2008 Bürkle publicly demonstrated a their KA compact lacquering line at Xylexpo in Milan with UV-LED drying based on the UVITEC®2D technology platform developed by Tikkurila Coatings in conjunction with Phoseon Technology.

The UV-LED drying technology is designed using Phoseon's Semiconductor Light Matrix (SLM™) technology which combines a dense array of light emitting semiconductor devices (UV-LED), with high tech micro optics and micro cooling in a cost-effective MOEMS (micro opto electro-mechanical system) package. SLM™ Technology offers important advantages to the coatings market including significantly reduced energy consumption, very low amounts of heat at the work surface, and very long lifetimes. These advantages, and others, are all available at comparable cost of ownership to existing solutions.

"Phoseon continues to widen the application of our UV-LED based curing technology to important vertical markets by combining our know-how and technology with market leaders and innovators" commented Bill Cortelyou, Phoseon CEO. "we aim to continue to leverage the technology advantages in terms of ease of use and integration and significant advantages environmentally with regards to low power usage, zero ozone production and mercury free UV light generation."

More details on the technology and its application will be available at the Bürkle North America booth at IWF 2008 at the Georgia World Congress Center in Atlanta from August 20th to August 23rd 2008.

About Phoseon Technology Inc.

Phoseon Technology is the pioneer of UV-LED based Semiconductor Light Matrix (SLM) technology used to produce industrial strength high intensity UV light sources. These products enable faster, cleaner, and more efficient industrial processes for UV curing of photopolymers in adhesives, inks, and coatings. Founded in 2002, Phoseon is a venture-funded, privately-held corporation headquartered in Hillsboro, Oregon. For more information please visit www.phoseon.com.

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