

PPG launches first use of automotive waterborne paint process in United States

TROY, Mich., June 16, 2010 – **PPG Industries** (NYSE: PPG), the world's leading manufacturer of transportation coatings, has launched the first use of its next-generation B1:B2 waterborne paint technology in the United States.

PPG's next generation B1:B2 (wet-on-wet) compact process technology is currently in production at the BMW assembly plant in Spartanburg, S.C. This marks the first use of a waterborne compact process in a U.S. automotive manufacturing plant.

We are proud to have launched this exciting process as a **first in the United States**," said Bob White, **PPG** director, global accounts – **BMW**. "Our waterborne B1:B2 technology highlights our dedication to helping our customers reduce the overall paint shop footprint and environmental impact, while achieving superior appearance and maintaining color flexibility."

In the traditional automotive paint process, the application of pretreatment and electrocoat is followed by a primer layer. After the primer layer is cured, a topcoat layer of basecoat and clearcoat is applied and cured. This process has become a focus of technical brainstorming due to being both costly and time-consuming.

The next-generation B1:B2 technology works within **BMW's** Integrated Paint Process and enables the customer to reduce the number of steps necessary to paint a vehicle by moving the traditional primer application into the topcoat booth. This movement eliminates the dedicated primer booth and all related processing.

The B1 layer provides primer, filling, chip and durability benefits. The B2 layer provides color and additional durability. Both the B1 and B2 layers are applied wet-on-wet and do not require a baking or a heated dehydration process in between.

Compact paint processes such as the B1:B2 process from **PPG** generate substantial savings in capital and operating costs for automotive manufacturers by reducing the manufacturing footprint of a paint shop, reducing energy consumption, and increasing overall process efficiency.



PPG Aerospace awarded \$50 million contract for Black Hawk helicopter windshields

HUNTSVILLE, Ala., June 17, 2010 – PPG Industries' (NYSE:PPG) aerospace transparencies group has been awarded a five-year, \$50.1 million contract by the Defense Logistics Agency's Defense Supply Center in Richmond, Va., to supply windshields for UH-60 Black Hawk helicopters and variants operated by the U.S. Army, U.S. Navy and U.S. allied forces. "As the original supplier of windshields for the Black Hawk, we are pleased that the U.S. government continues to show confidence in our ability to supply exceptional quality transparencies that meet this helicopter's demanding flight requirements," said Brent Wright, PPG Aerospace global business manager for military transparencies. "We are proud to continue supporting men and women in the American armed services as well as the forces of U.S. allies around the world by supplying windshields for the Black Hawk."

PPG has produced heated glass windshields for the Sikorsky Black Hawk helicopter and its variants since the program's inception in the 1970s, according to Preston Nesselrotte, PPG Aerospace senior account manager for military transparency sales. The windshields are made at PPG's Huntsville aircraft transparency facility for original-equipment and replacement applications. "These windshields have delivered highly reliable performance in harsh operating environments around the globe," Nesselrotte said.



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