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## **Rockwood Pigments to Present Three High-Performance Coloring Systems Products at bauma 2007**

### **Granumat® Colorsmart System, Granufin® GS and GI Pigments Developed for Concrete-Mixing Applications**

Rockwood Pigments will present three products at bauma 2007 (Hall 1, Booth 209) that demonstrate the company's advancement of high-performance coloring systems technology: Granumat® Colorsmart granular pigment metering system and Granufin® GS and Granufin® GI micro-granulated pigments.

The Granumat® Colorsmart granular pigment metering system was developed especially for concrete mixing applications that require dosing small quantities with high accuracy, such as slab plants. Quantities from 100 to 5,000 grams can be dosed at a tolerance of up to plus/minus five grams. A recently developed PLC controller enables smooth and exact metering up to a distance of 40 meters by means of pressure-regulated, optimized pneumatic conveyance. An adjusted low-profile, reduced-size cyclone storage unit stores and conveys pigment into the mixer to ensure shorter mixer cycle times.

In addition to the Colorsmart system, Rockwood Pigments also will present two new products that extend the advanced, high-performance Granufin® product offering: Granufin® GS and Granufin® GI. Granufin® GS was developed to improve the consistency of zero-slump concrete. It can decrease the porosity of concrete and produce a smoother surface appearance. This may reduce primary efflorescence, resulting in more brilliant colors.

Granufin® GI was developed for applications with low or inefficient shear energy in the mixing process. It disperses rapidly in the concrete mix, eliminating the challenges posed by special mixing schedules, long dry-mixing or extended mixing times. Granufin® GI improves efficiency and productivity by offering both shorter mixing times and better color development.

Rockwood's Color Pigments Division is one of the largest worldwide suppliers of iron oxides and colored inorganic pigments for construction, coatings, plastics and specialty applications. The Division's manufacturing sites and sales offices are located in the United States, United Kingdom, Italy, Germany, Australia and China with sales offices in Singapore and Shanghai, China. The Color Pigments Division & Services Division is part of Rockwood Holdings, Inc., Princeton, New Jersey, USA.

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