

TEGO® Dispers 747 W: The efficient additive for intense reds and yellows

March 1, 2016

The new dispersing additive from Evonik Resource Efficiency is efficient in three ways: First, it increases pigment loading, which simplifies the grinding process. Second, it can be used for all types of iron oxide, thus reducing the number of dispersing additives needed— a significant difference from additives based on polyacrylate salts. Third, it closes the price/performance gap to many more costly polymer additives. TEGO® Dispers 747 W has been specially developed for water-based iron oxide concentrates in architectural applications.

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The additive combines the advantages of electrostatic stabilization with those of steric stabilization. This, in turn, provides lasting pigment stabilization for a uniformly high level of color intensity, even when stored for long periods of time. In addition, the additive also lowers the viscosity of the pigment concentrate. This allows the concentrate to absorb more pigment, reducing the amount of concentrate needed to cover a given surface area.

“The demands for covering power and color intensity are growing constantly in architectural applications. And that increases the demands on the dispersing additive used,” explains Daniel Brünink, the director of global marketing for decorative coatings. “The additives used up until now do not stabilize formulations adequately. But thanks to TEGO® Dispers 747 W, formulators now have a cost-effective solution for architectural applications that allows them to switch from polyacrylates to higher quality dispersing additives.”

TEGO® Dispers 747 W is suitable for all water-based, inorganic pigment concentrates and demonstrates excellent processing characteristics in the tinting process.

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Company information

Evonik, the creative industrial group from Germany, is one of the world leaders in specialty chemicals. Profitable growth and a sustained increase in the value of the company form the heart of Evonik's corporate strategy. Its activities focus on the key megatrends health, nutrition, resource efficiency and globalization. Evonik benefits specifically from its innovative prowess and integrated technology platforms. Evonik is active in over 100 countries around the world. In fiscal 2014 more than 33,000 employees generated sales of around €12.9 billion and an operating profit (adjusted EBITDA) of about €1.9 billion.

Evonik Industries has been producing specialty chemical products in the Greater China region (Mainland China, Hong Kong and Taiwan) since the late 1970's; with wide-ranging trading relations already in place prior to this in the region. Evonik regards Greater China as one of the driving forces of the global economy and we consequently endeavour to grow our business in the region. The company now has around 3,000 employees in the Greater China region, the regional sales reached over €1.1 billion in 2014.

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