

## Evonik: additives and specialty resins for functional coatings

March 19, 2013

- Wide range of products with diverse benefits and functions

TEGO brand additives and specialty resins from Evonik allow coatings to be given further targeted functionalities

The additional benefits and functionalities provided by various additives and specialty resins are as diverse as the TEGO product range itself. Antistatic additives, for example, are used to manufacture electrically conductive floor coatings, silica nanocomposites impart scratch and abrasion resistance to high gloss coatings for wood and plastics, and “easy-to-clean” coatings facilitate maintenance efforts. The longevity of architectural coatings can be increased by TEGO products which produce a water beading effect. Release properties produce blocking resistance so that window frames do not stick together or cakes can be more easily removed from baking tins.

Silicone elastomer particles can be bound into the resin matrix of a coating using reactive resin modifiers. This markedly increases impact strength as required, for example, in the coatings for wind turbine rotor blades. Even coatings with very good long-term high and low temperature resistance can be formulated using TEGO specialty resins, while the haptic properties of surfaces can be specifically adjusted with TEGO products. Touch modifiers ensure that leather and plastic surfaces have a pleasant feel and a high-quality appearance.

Behind all these innovations is more than 27 years of experience in the research, development and marketing of additives and specialty resins. In the future, TEGO will continue to offer, in close

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collaboration with its customers, innovative technologies for optimizing coatings.

TEGO is a leading brand for additives, co-binders, specialty binders and nanoresins in the national and international coatings industry and belongs to the Evonik Coatings & Additives business unit.

#### **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 2012 more than 33,000 employees generated sales of around €13.6 billion and an operating profit (adjusted EBITDA) of about €2.6 billion.

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