

New generation of hydrophobing agents for high-quality building protection – keeping moisture and dirt where they belong: outside!

TEGO® Phobe 1659 and TEGO® Phobe 1409 – the new high-performance hydrophobing agents from Evonik – protect high-quality façades from weather, water, and dirt.

TEGO® Phobe 1659 is the most recent installment of the well-known TEGO technology line. The innovative silicone resin technology balances hardness and silicone character while increasing efficiency and significantly reducing dirt pick-up. This results in a reduced silicone concentration on the surface, which makes extremely low dirt pick-up possible. Due to improved wetting characteristics and the interaction with pigments and fillers better distribution of the silicone resin is achieved. The required dosage of TEGO® Phobe 1659 can be reduced without impairing water resistance.

Besides increasing customer expectations with regard to water resistance, regulations and consumer perceptions are changing. The possibility for the use of biocides in architectural paints is diminishing. The amino-functional polysiloxane TEGO® Phobe 1409 generates a water repellency effect, which leads to significantly faster drying of the façade, thus reducing susceptibility to the growth of algae and moss.

The new generation of hydrophobing agents can be used without restriction in formulations that must meet the stringent requirements of various eco-labels such as Ecolabel or Blue Angel.

“For many years, we have observed that painting contractors particularly value the properties of silicone-modified architectural paints. We are encouraging this increasing demand for silicone resin paints with a new generation of our commercially proven hydrophobing agents”, states Daniel Brünink, director of global marketing for decorative coatings. “The new generation of our TEGO® Phobe products enables the formulation of long-lasting architectural coatings with increased efficiency and a pronounced water-beading effect. This has been achieved without impairing

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our products' well-known properties such as early rain resistance, stability, and wet abrasion resistance. Together with our proven technical service department, we have developed an innovative package which gives the formulator the possibility for differentiation in the development of architectural paints.”

For additional information visit www.tego.de



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 2015 more than 33,500 employees generated sales of around €13.5 billion and an operating profit (adjusted EBITDA) of about €2.47 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 endeavor 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 €1.3 billion in 2015.

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