

SILIKOTOP® E 900 and SILIKOTOP® E 901 New Binders for High Solids Contents in Protective Coatings

Evonik's new brand SILIKOTOP® promotes silicone hybrid resins which combine high solids content and excellent performance. The first two products, SILIKOTOP® E 900 and SILIKOTOP® E 901 excel in top coat application for diverse protective coatings ranging from marine to trucks & public transport to wood coatings.

Both products offer extraordinary advantages in processability and appearance. The very high solids content of 90% combined with a low viscosity help to formulate low VOC formulations that are easily processable. In terms of applicability, SILIKOTOP® E 900 and SILIKOTOP® E 901 enable film thicknesses of up to 200 µm in a single coating layer.

In markets like trucks & public transport, protective coatings must be functional but also satisfy appearance characteristics. The SILIKOTOP® resins fulfill these qualities by providing excellent corrosion protection, a remarkable appearance, as well as excellent leveling properties.

The new SILIKOTOP® resins differ mainly in flexibility/hardness and chemical resistance. SILIKOTOP® E 900 shows a significantly enhanced flexibility with good tough-elasticity ensuring durability in heavy duty applications. SILIKOTOP® E 901 promotes increased weather and chemical resistances, faster drying and a higher hardness in the cured film.

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 2013 more than 33,500 employees generated sales of around €12.7 billion and an operating profit (adjusted EBITDA) of about €2.0 billion.

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