

Anquamine® 728 curing agent for concrete epoxy coatings delivers applicator and end user benefits

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Essen/Nuremberg. Evonik's Cure-to-Go technology featuring Anquamine® 728 curing agent offers unrivalled fast cure and excellent aesthetics, for use in epoxy primers and topcoats on concrete substrates. The product answers to today's needs of applicators and end-users and delivers improved productivity and shorter downtimes. Evonik presents its Cure-to-Go technology at the upcoming European Coatings Show in Nuremberg.

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The combination of Anquamine® 728 and Ancarez® AR-555 solid epoxy resin dispersion yields recoat times of less than four hours at 10 °C, thus allowing two coatings applied in one day with next day back-in-service. Topcoats are best formulated with diluted epoxy resin for excellent aesthetics and good compatibility with pigment pastes.

Anquamine® 728 based primers and coatings show excellent adhesion strength to damp concrete substrates, cure at temperatures down to 10°C, offer one-coat wet film application up to 500 g/m² and show minimal pigments flocculation, all of which allow applicators to get the job done quickly. Benefits realized by the end user include shorter downtimes, good pigmentations with colored finishes, high gloss and UV durability, low emissions and excellent aesthetics with no downtime.

Further information will be provided in the presentation "Cure-2-Go: New epoxy floor coatings with unrivalled fast cure and improved aesthetics" by Dirk Fuchsmann, Manager Applied Technology for Civil Engineering EMEA, between 10.10 and 10.30 on March 20, 2019, at stand 131 in hall 1 at the ECS trade show,

and online at www.evonik.com/crosslinkers

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About Evonik

Evonik is one of the world leaders in specialty chemicals. The focus on more specialty businesses, customer-orientated innovative prowess and a trustful and performance-oriented corporate culture form the heart of Evonik's corporate strategy. They are the lever for profitable growth and a sustained increase in the value of the company. Evonik benefits specifically from its customer proximity and leading market positions. Evonik is active in over 100 countries around the world with more than 36,000 employees. In fiscal 2017, the enterprise generated sales of €14.4 billion and an operating profit (adjusted EBITDA) of €2.36 billion.

About Resource Efficiency

The Resource Efficiency segment is led by Evonik Resource Efficiency GmbH and produces high performance materials and specialty additives for environmentally friendly as well as energy-efficient systems to the automotive, paints & coatings, adhesives, construction, and many other industries. This segment employed about 10,000 employees, and generated sales of around €5.4 billion in 2017.

About Crosslinkers

The Crosslinkers Business Line offers a broad range of products and competences for coatings and adhesives, civil engineering as well as for high-performance elastomers and composites. In addition to products based on isophorone chemistry, the product portfolio contains a full tool box of amine curing agents for ambient and heat cure applications. The products are mainly used in industrial applications due to the mechanical strength, durability, chemical resistance and excellent adhesion properties.

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