

PRESS RELEASE

Number 01

Preview European Coatings Show 2017 WACKER Presents Novel Dispersion for Hydrophobic Construction Solutions

Munich, January 25, 2017 – At the European Coatings Show (ECS) 2017, WACKER, the Munich-based chemical group, will showcase a new polymeric binder for formulating two-component water-repellent construction applications. In flexible sealing slurries, the hydrophobic VINNAPAS® 760 ED dispersion not only ensures excellent tensile adhesion strength after prolonged exposure to water and outstanding crack bridging, even at low temperatures. It also displays superb processing properties. The dispersion is thus ideal for use in waterproofing systems for indoor pools, basements and bathrooms.

VINNAPAS® 760 ED is a terpolymer based on vinyl acetate, ethylene and vinyl ester that finds use as a hydrophobic binder in two-component cementitious sealing slurries. A special feature of the dispersion is its vinyl neodecanoate component, which WACKER markets under the VERSA® brand. Together with ethylene, this considerably increases the elasticity of the end product. As a result, the coating is more extensible and very flexible even at low temperatures. Additionally, it is highly resistant to hydrostatic pressure.

As a mortar additive, VINNAPAS® 760 ED ensures outstanding crack bridging, both for static and dynamic cracks – even at exceptionally low temperatures down to -20 °C. Sealing systems based on VINNAPAS® 760 ED thus achieve crack-bridging class O2 as per EN 14891. Thanks to the new dispersion, the end product bonds reliably and permanently

to difficult substrates. VINNAPAS® 760 ED is readily compatible with different types of commercially available cement. The high solids content of almost 60 percent moreover makes it possible to tailor the polymer / cement ratio to individual requirements without increasing the viscosity.

According to assessment by the German Federal Institute for Risk Assessment (BfR), the material is suitable for contact with drinking water, because it does not require any additional solvents, plasticizers or film-forming aids. Furthermore, the dispersion is manufactured without the use of alkylphenol ethoxylates (APEOs). VINNAPAS® 760 ED has very little influence on cement setting behavior.

The new VINNAPAS® 760 ED dispersion is thus ideal for the formulation of two-component sealing slurries used, for example, to waterproof indoor pools, basements and bathrooms, as well as water pipes and sewers.

**Visit WACKER at the European Coatings Show 2017 at Hall 1,
Booth 1-510.**






Outdoor weathering tests: The new VINNAPAS® 760 ED dispersion is ideal for flexible two-component sealing slurries for creating permanent, hard-wearing seals in damp rooms, such as kitchens and bathrooms, as well as for water pipes and sewers (photo: Wacker Chemie AG).

Note:

This photo is available for download at:
<http://www.wacker.com/pressreleases>

For further information, please contact:

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The company in brief:

WACKER is a globally-active chemical company with some 17,000 employees and annual sales of around €5.3 billion (2015). WACKER has a global network of 25 production sites, 22 technical competence centers and 50 sales offices.

WACKER SILICONES

Silicone fluids, emulsions, rubber and resins; silanes; pyrogenic silicas; thermoplastic silicone elastomers

WACKER POLYMERS

Polyvinyl acetates and vinyl acetate copolymers in the form of dispersible polymer powders, dispersions, solid resins and solutions

WACKER BIOSOLUTIONS

Biotech products such as cyclodextrins, cysteine and biologics, as well as fine chemicals and PVAc solid resins

WACKER POLYSILICON

Polysilicon for the semiconductor and photovoltaic industries

Siltronic

Hyperpure silicon wafers and monocrystals for semiconductor components