

PRESS RELEASE

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WACKER Presents New VAE Dispersion for Eco-Friendly Interior Coatings in Asia-Pacific

Munich/Singapore, August 11, 2016 – WACKER has launched a new dispersion in Asia-Pacific that is ideal for formulating high-performance interior paints with reduced emissions. Vinyl acetate-ethylene copolymers (VAE)-based VINNAPAS® EP 3360 ULS offers high opacity, binding power and stain resistance, even without coalescing aids. It is highly scrub resistant and displays an excellent response to thickening agents. Moreover, it is manufactured without the use of alkylphenol ethoxylates (APEO), and its VAE basis makes supplementary plasticizers unnecessary. As a result, the new VINNAPAS® EP 3360 ULS dispersion enables the formulation of low-odor and very-low-emission interior coatings with excellent performance and cost-in-use benefits.

VINNAPAS® EP 3360 ULS, a vinyl acetate and ethylene-based dispersion, is a novel binder for flat to eggshell interior paints and plasters of low environmental impact. The product offers very high scrub resistance and a better hiding power than standard acrylic systems at the same PVC (pigment volume concentration) level. The VAE dispersion also delivers high stain resistance and good washability, which means that the resulting paint film is easier to clean, without impairing the appearance of the paint. Additionally, it displays good color acceptance and color consistency, even with difficult-to-formulate pigments.

The dispersion's good workability and ease of application mean that rooms can be used again very quickly, minimizing the down-time of a building. The binder's excellent scrub resistance not only increases performance, but also cuts costs since binder usage can be reduced by raising the PVC level proportionally. Moreover, the product's high solids content of 60 percent enhances supply chain efficiency by decreasing delivery frequency and the amount of silo space needed.

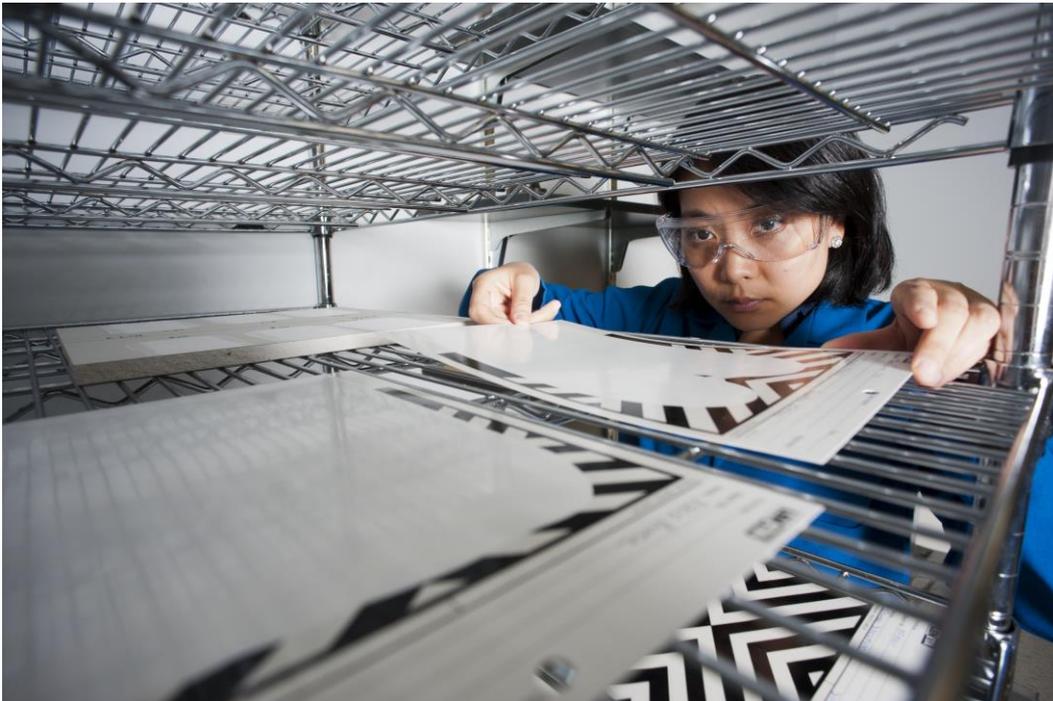
Specifically developed to meet requirements in the region Asia-Pacific, the dispersion enables the formulation of low-odor paints that have a very low VOC (volatile organic compounds) content (< 1 g/l). The product has a very low residual monomer content (< 200 ppm) and does not need organic solvents or coalescing agents to achieve optimum film formation. Furthermore, it is produced without the use of APEOs and features very low formaldehyde (< 20 ppm). Its odor profile is noticeably more subdued, especially compared with standard styrene acrylic or vinyl-acrylic technology.

As VINNAPAS® EP 3360 ULS complies with major international eco-labels, it is particularly suitable for places where low-emission paints are essential, including children's rooms, hotels and public buildings, such as hospitals and schools.

About WACKER POLYMERS

WACKER POLYMERS is a leading producer of state-of-the-art binders and polymeric additives based on polyvinyl acetate and vinyl acetate copolymers. These take the form of dispersible polymer powders, dispersions, solid resins, and solutions. They are used in construction chemicals, paints and surface coatings, adhesives, carpet applica-

tions and nonwovens, as well as in fiber composites and polymeric materials based on renewable resources. WACKER POLYMERS has production sites in Germany, China, South Korea and the USA, as well as a global sales network and technical centers in all major regions.



Product test: an employee checks panels coated with VAE-based interior architectural paints drying on a rack. The new VAE dispersion VINNAPAS® EP 3360 ULS enables the formulation of high-performance interior paints with reduced emissions (photo: Wacker Chemie AG).

Note:

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

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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