

PRESS RELEASE

Number 01

PAKISTAN COATINGS SHOW 2017: WACKER Presents New VAE Dispersion for Eco-Friendly Interior Coatings

Dubai/Lahore, January 19, 2017 – The Munich-based WACKER Group is presenting innovative polymer and silicone products for challenging coatings and construction applications at this year's Pakistan Coatings Show. For the first time in the region, WACKER shows the dispersion VINNAPAS® EP 3360 ULS for formulating low-odor and very-low-emission interior coatings with excellent performance and cost-in-use benefits. Further highlights are SILRES® BS silicone emulsions for water-repellent, yet vapor-permeable masonry coatings and VINNAPAS® dispersible powders and dispersions for modern construction and coatings applications. Pakistan Coatings Show takes place from January 19 to 21 in Lahore, Pakistan.

“It is now the second time for WACKER to showcase our technologies here in Pakistan, and this exhibition is a great opportunity for us to explore further the market potentials in the Middle East”, said Cyril Cisinski, Managing Director of Wacker Chemicals Middle East. This year's Pakistan Coatings Show will see WACKER showcasing its comprehensive expertise in high-quality construction and coatings applications, underpinned by a number of elaborate exhibits.

Binder for Eco-Friendly Interior Coatings

For the first time in Pakistan, WACKER presents VINNAPAS® EP 3360 ULS, a vinyl acetate and ethylene-based binder for flat to eggshell interior paints and plasters. 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 dispersion displays good color acceptance and color consistency, even with difficult-to-formulate pigments. Due to its high stain resistance and good washability, the resulting paint film is easier to clean, without impairing the appearance of the paint. Its good workability and ease of application further minimize the down-time of a building.

The VAE dispersion enables the formulation of low-odor paints with a very low volatile organic compounds content (< 1 g/l). Due to the very low residual monomer content (< 200 ppm), it does not need organic solvents or coalescing agents to achieve optimum film formation. As it features very low formaldehyde (< 20 ppm), VINNAPAS® EP 3360 ULS complies with major international eco-labels and is ideal for places where low-emission paints are essential, including children's rooms, hotels and public buildings, such as hospitals and schools.

Further WACKER product highlights at Pakistan Coatings Show:**• SILRES® BS: Water Repellent but Vapor-Permeable**

The products of the SILRES® BS portfolio are based on water-repellent silicone resins and silicone resin emulsions and offer building protection for decades. Silicone resins form an extremely stable and highly durable three-dimensional silicone resin network on mineral surfaces and within mineral-based coatings. The network repels water and moisture, but is permeable to water vapor inside the wall. This effect keeps the building structure dry and prevents wall damage and decay caused by moisture.

- **VINNAPAS® Technology for Modern Construction, Paint and Coatings Applications**

Dispersible polymer powders and dispersion of the VINNAPAS® brand are binders based mainly on vinyl acetate and ethylene copolymers (VAE). Mortars modified with VINNAPAS® enable mortar formulations and applications with completely new characteristics and highly specified property profiles. As binders for interior and exterior paints, they combine an excellent cost/performance ratio with low environmental impact. This makes VINNAPAS® products particularly suitable for challenging paints, coatings and construction applications such as façade plasters, low-odor indoor paints, self-leveling compounds or tile adhesives for all kinds of tiles.

WACKER in Dubai

WACKER set up a local subsidiary (Wacker Chemicals Middle East) in Dubai back in 2000 and has been operating its own sales office there since then. A technical center has been available to regional customers and partners since 2002. In 2009, WACKER moved to the “Dubai Silicon Oasis” technology park: Spanning nearly 13,000 m², the new location houses technical labs as well as the offices of WACKER’s subsidiary for the Middle East sales region. In spring 2010, WACKER further established a local branch of its international training and competence center, the WACKER ACADEMY, at its technical center Dubai. From Dubai, the subsidiary serves customers from the United Arab Emirates, the Middle East and Africa.

Visit WACKER at REDA booth 59, 60, 62, 63 at the Pakistan Coating Show 2017.



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



For effective facade protection: Silicone resin emulsion paints based on SILRES® BS feature very high water-vapor permeability, extremely low water absorption and extreme durability (photo: Wacker Chemie AG).

Note:

These photos are 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