

## FUNDAMENTALS OF POLYMER BINDERS FOR DISTRIBUTORS

### Polymer Binders

have radically expanded the techniques and possibilities available to almost all branches of the construction industry. This seminar conveys knowledge needed to optimally harness polymer chemistry's potential, now and in the future. Topics include binders' effects, modern applications, and developing/testing one's own formulations.

You'll particularly benefit from the seminar's combination of theoretical fundamentals with lab practical demonstrations, as well as general insights into workflow and testing in application laboratories.

### AGENDA

#### **First Day** **8:30 am – 5 pm**

#### Wacker Chemie AG / WACKER POLYMERS

An overview of the WACKER Group and its WACKER POLYMERS division shows you where polymer binders fit into the picture.

- The VINNAPAS® ACADEMY
- The Group
- The business division

#### From Monomer to Polymer

Learn how dispersions and dispersible polymer powders work and how they are manufactured.  
Key concept: the binding properties of these polymers.

- Dispersions as aqueous binders
- Dispersible polymer powders as binders in powder

#### VINNAPAS®-Product Portfolio

You are introduced to VINNAPAS® products, their nomenclature, and key applications.

- Product Portfolio
- Key applications

#### Hydraulic Binders

We show you the basic effects of hydraulic binders, both alone and in combination with polymer binders, and how they can benefit your applications

- Portland cement
- Lime
- Gypsum

## Key Areas of Application for VINNAPAS® Dispersible Powders.

Dispersible powders must satisfy the highly diverse requirements of associated applications. You are familiarized with the basic composition (hydraulic binders, filling materials, additives, etc.) of various applications and learn why dispersible powders are so important for your products.

- Tile adhesives / joint mortars

Evening program: 6.30 pm Group dinner

## Second Day 8:30 am – 5 pm

### Key Areas of Application for VINNAPAS® Dispersible Powders Part 2

- Self-leveling compounds
- Exterior insulation and finish systems
- Plaster

### Hands-on Training in a Well-Equipped Application Lab

In our training lab, we show you how hydraulic and polymer binders work in practice. You'll have the opportunity to experiment and put what you've learned into practice under experienced supervision:

- Fundamentals / Introduction
- Tile adhesives

### Test methods

Many requirements associated with individual applications are determined by national and international specifications and regulations. You are familiarized with the most important of these and methods for testing them. We also show you other tests available

- Familiarization with key test methods for specific areas of application in theory and practise

*5 pm Course ends*

Participants are free to spend the evening as the wish.

## Third Day 8:30 am – 4 pm

### Lab Training

Real-life applications reinforce now-familiar theory and allow you to build on your practical skills.

- Self-leveling compounds
- Exterior insulation and finish systems
- Plasters

### Paste Applications

As the sole binder in paste applications, VINNAPAS® dispersions satisfy particularly demanding requirements. We show you what they are and how they're put to the test.

- Dispersion tile adhesives
- Dispersion plasters

### Further Applications

- Sealing slurries
- Concrete repair

### Competition

Wacker Polymers has several competitors in the market. Here you gain awareness of who they are and what they offer.

- Competition

### Plant Tour

One of the highlight of this seminar is our plant tour through the production line of VINNAPAS® Polymer Powder. Here you will be taken through the control room, the labs, the production unit and the filling stations. You may also enjoy the panoramic view from the tower's roof.

- Plant tour

### Concluding discussion

Your questions and input are welcomed throughout the seminar. At the end of the three days, you have the opportunity to reflect upon what you've learned and discuss remaining questions with the trainers and other participants. Demand for advanced training will be ascertained

*4 pm Course Ends.*