WACKER

CREATING TOMORROW'S SOLUTIONS

CONSTRUCTION I DISPERSIBLE POLYMER POWDERS I MIDDLE EAST AFRICA

VINNAPAS® 4240 N – THE TOP-PERFORMING UNIVERSAL POLYMER POWDER

VINNAPAS® polymer powders are world leaders in technology and quality. The reason? Excellent performance combined with even higher efficiency. The proof of concept? Our universal grade VINNAPAS® 4240 N that provides superior characteristics in a variety of applications – at very low dosages.

CTA

Benefits:
- Excellent tensile adhesion strength
- Long open time
- Efficient dosage

Dosage: 0.7 – 2%

Self-Leveling Compounds

Benefits:
- Flow
- Tensile adhesion strength
- Compressive strength
- Flexural strength
- Water absorption coefficient
- Flexural strength
- Abrasion resistance
- Shrinkage

Dosage: 1.5 – 2.5%

VINNAPAS® 4240 N

Skim Coat

Benefits:
- Tensile adhesion strength
- Compressive strength
- Flexural strength
- Water absorption coefficient

Dosage: 0.5 – 0.7%

ETICS

Benefits:
- Tensile adhesion strength
- Water absorption
- Impact resistance

Dosage: 3%

VINNAPAS® is a registered trademark of Wacker Chemie AG.

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Product Data of VINNAPAS® 4240 N

Polymer composition	Vinyl acetate / ethylene
Minimum film-forming temperature	0 °C
Protective colloid system	PVOH
Antiblocking agent	Fine mineral fillers
Flexibility	Very flexible
Classification	Neutral

The Chemistry Behind VINNAPAS® 4240 N

VINNAPAS® 4240 N is a vinyl acetate-ethylene (VAE) copolymer with high ethylene content.

This provides mortars with:
- Excellent flexibility
- High impact resistance
- Very good crack bridging characteristics.

It also comes with typical VAE advantages:

Very good cost-in-use-ratio
- Time saving, material saving
- No additional costs for plasticizers

Environmental benefit
- Polymerized without the use of APEO-containing substances
- No external plasticizer required

High application performance
- Adhesion to different substrates
- Flexibility, e.g. for greater elongation
- Good workability, e.g. smooth, easy application, long open time
- Water resistance and low water uptake
- Durability

VINNAPAS®

Advantage

Time-Saving Application



VINNAPAS® 4240 N allows tiling with thin-bed technique, saving material and time. A test showed that 1.5 to 3% of a VINNAPAS® N grade saves 90% of sand and cement as well as 75% working time.
See the whole video here:

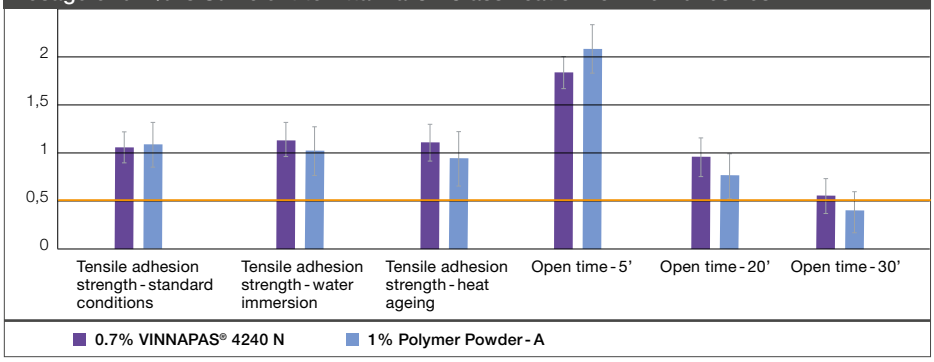
www.youtube.com/wackerchemie

Adhesion and Cohesion

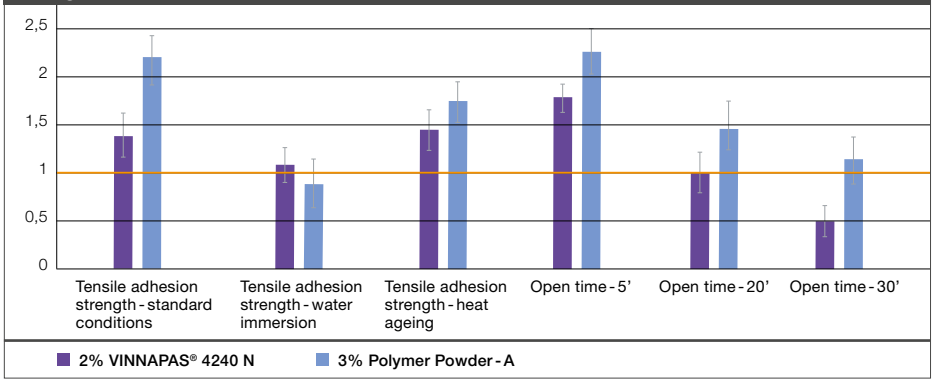


EPS pull-out after wet conditioning (ETAG 004) an ETICS base coat formulation. All samples are polymer modified with a polymer content of 1.2 to 2.5%. The sample at the right contains 2.5% VINNAPAS® 4240 N.

VINNAPAS® 4240 N
Dosage of 0.7% is Sufficient to Attain a C1 Classification for Tile Adhesives



VINNAPAS® 4240 N
Dosage of 2% is Sufficient to Attain a C2 Classification for Tile Adhesives



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