

VINNAPAS® 5518 H: PART OF A STRONG PORTFOLIO

As a new hard dispersible polymer powder with strong hydrophobic effect VINNAPAS® 5518 H complements WACKER'S product portfolio of hydrophobic dispersible polymer powders with optimized workability and cleaning properties after first setting. Thus, the new grade is recommended for tile grout mortars.

Grade	Performance Attributes				Product Benefit
	Polymer base	Hydro-phobicity	Workability	Cleaning properties after first setting	
VINNAPAS® 5010 N	VAC/E	---	▲▲▲	▲▲▲	Very good workability and good cleaning properties after first setting
VINNAPAS® 3030 H	VC/E/ Others	▲▲▲	▲▲	▲▲	Excellent hydrophobic effect, very high mechanical strength and low stickiness
VINNAPAS® 5518 H	VAC/E	▲▲	▲▲▲	▲▲▲	Strong hydrophobic effect, very good workability, high mechanical strength and good cleaning properties after first setting
VINNAPAS® 7031 H	VAC/E/ Others	▲	▲▲▲	▲▲	Hydrophobic effect and very good workability
VINNAPAS® 8031 H	VC/E/ Others	▲	▲	▲▲	Slight hydrophobic effect, good workability and low stickiness
VINNAPAS® 8034 H	VC/E/ Others	▲▲	▲	▲▲	Strong hydrophobic effect, good workability and low stickiness

--- Neutral
 ▲ Good
 ▲▲ Very good
 ▲▲▲ Excellent



WACKER

Wacker Chemie AG
 Hanns-Seidel-Platz 4
 81737 München, Germany
 Tel. +49 89 6279-0
 Fax +49 89 6279-1770
 info@wacker.com

www.wacker.com/vinnapas

6935e/05_13 replaces 6935e/03_13

CONSTRUCTION | HYDROPHOBIC POLYMER POWDERS

VINNAPAS® 5518 H
 THE NEW SPECIALIST FOR
 TILE GROUT MORTARS AND
 RENDERS / PLASTERS

The data presented in this brochure are in accordance with the present state of our knowledge but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this brochure should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used. The information provided by us does not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the product for a particular purpose.

Go for the Optimum!
With its expertise in both polymer and silicone chemistry WACKER offers the construction industry a unique portfolio that is complemented by extensive services. VINNAPAS® dispersible polymer powders are used worldwide to modify building materials, making WACKER global technology and market leader in polymer binders.



NEW: COMBINING HARDNESS AND HYDROPHICITY

With VINNAPAS® 5518 H you have now a polymer powder at hand that combines hardness and hydrophobicity, showing distinct advantages over state-of-the-art products

A New Combination

VINNAPAS® 5518 H is a hard dispersible polymer powder based on VAE-technology, exhibiting interesting characteristics like:

- high hydrophobic effect
- improved mechanical strength
- good adhesion on diverse mineral substrates
- very good workability

Ideal for Tile Grout Mortars

This also results in excellent cleaning properties after first setting, making VINNAPAS® 5518 H a perfect candidate to formulate tile grout mortars.

Great for Renders and Plasters

The combination of good adhesion, hardness and hydrophobicity recommends VINNAPAS® 5518 H for plasters and renders.

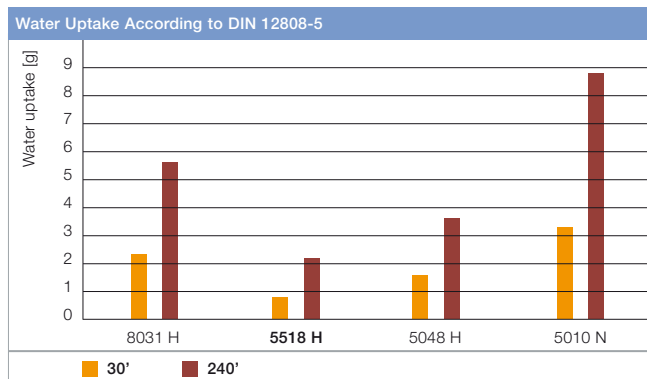
Suitable for More Applications

Applications like rigid water proofing membranes also profit from the unique property profile.

Available As You Need It

Due to its vinyl acetate/ethylene monomer basis, there are no limitations for raw materials. VINNAPAS® 5518 H is available in 25 kg paper bags, on pallets with 900 kgs each or Big Bags.

VINNAPAS® 5518 H	
Main applications	<ul style="list-style-type: none"> • Tile grout mortars • Plasters and renders • Rigid water ater proofing membranes
Properties	<ul style="list-style-type: none"> • Strong hydrophobic effect • Very good workability (washing in) • Very high cleaning properties after first setting
Polymer composition	Vinyl acetate-ethylene
Protective colloid system	PVOH
Minimum film-forming temp.	4 °C
Classification	Hard



VINNAPAS® 5518 H complements our hydrophobic product portfolio by showing reduced water uptake due to its high hydrophobic properties.

RECOMMENDED FOR RENDERS AND PLASTERS

VINNAPAS® 5518 H exhibits good adhesion on diverse mineral substrates due to its hard polymer base. Its good workability and high hydrophobicity make it a good candidate for plasters and renders, complementing WACKER's portfolio for this application.

Grade	Performance Attributes				Product Benefit
	Polymer base	Tensile adhesion strength	Hydrophobicity	Flexibility	
VINNAPAS® 5010 N	VAC/E	▲▲▲	---	hard	Very good tensile adhesion strength on inorganic surfaces and good workability
VINNAPAS® 5048 H	VAC/E	▲▲▲	▲▲▲	very flexible	Strong hydrophobic effect and very good tensile adhesion strength
VINNAPAS® 5518 H	VAC/E	▲▲▲	▲▲▲	hard	Strong hydrophobic effect, very good workability and very good tensile adhesion strength
VINNAPAS® 7031 H	VAC/E/ Others	▲▲▲	▲▲	flexible	Hydrophobic effect, very good workability and very good tensile adhesion strength
VINNAPAS® 8034 H	VC/E/ Others	▲▲▲	▲▲▲	flexible	Strong hydrophobic effect, good workability and very good tensile adhesion strength
VINNAPAS® 7034 E	VAC/E/ Others	▲▲▲	▲	flexible	Excellent workability and good tensile adhesion strength

--- Neutral ▲ Good ▲▲ Very good ▲▲▲ Excellent