

VINNAPAS® 4042 H AND VINNAPAS® 5048 H: NEW HYDROPHOBIC DISPERSIBLE POLYMER POWDERS

The functionality of External Thermal Insulation Composite Systems (ETICS) depends on a range of factors: adhesion, flexibility, impact resistance, water absorption and durability.

VINNAPAS® 4042 H and VINNAPAS® 5048 H dispersible polymer powders open up new opportunities for enhancing these properties. Especially in base coats for ETICS they show high flexibility and excellent workability combined with different grades of hydrophobicity.

Product Data of VINNAPAS® 4042 H and VINNAPAS® 5048 H	
Glass transition temperature (Tg)	0 °C
Minimum film-forming temperature	-7 °C
Polymer base	VAc-E
Product Class	Hydrophobic
Flexibility	Elastic

Recommended Applications – VINNAPAS® 4042 H	
ETICS	●
Renders	○

Recommended Applications – VINNAPAS® 5048 H	
ETICS	●
Renders	●

- highly recommended
- recommended

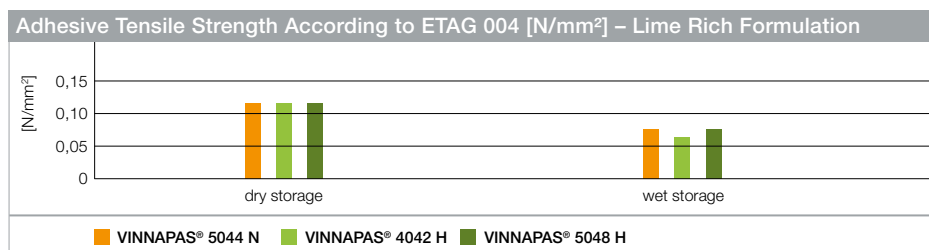
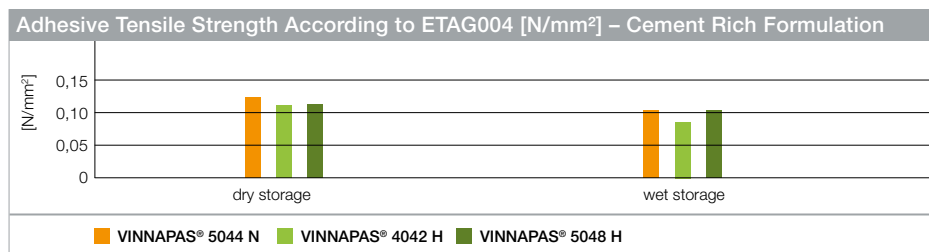
Experts for ETICS

VINNAPAS® 4042 H and VINNAPAS® 5048 H are Plus products within our broad range of dispersible polymer powders, offering the additional advantage of hydrophobicity. VINNAPAS® 4042 H provides basic hydrophobicity, whereas VINNAPAS® 5048 H imparts strong hydrophobicity, allowing the formulation of base coat possible without additional hydrophobing agents.

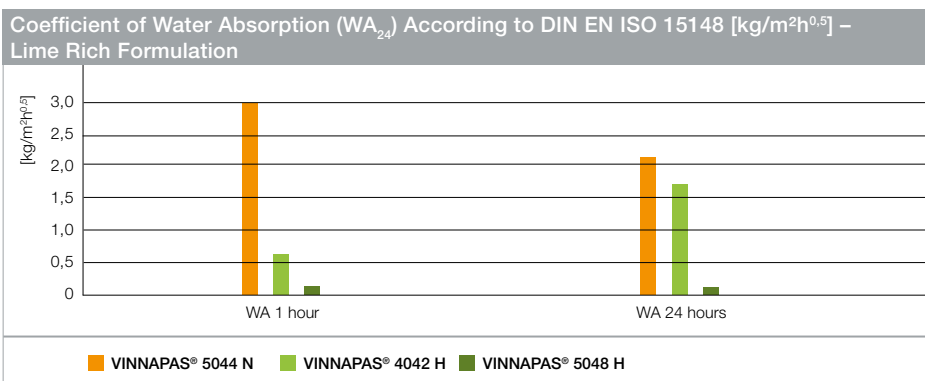
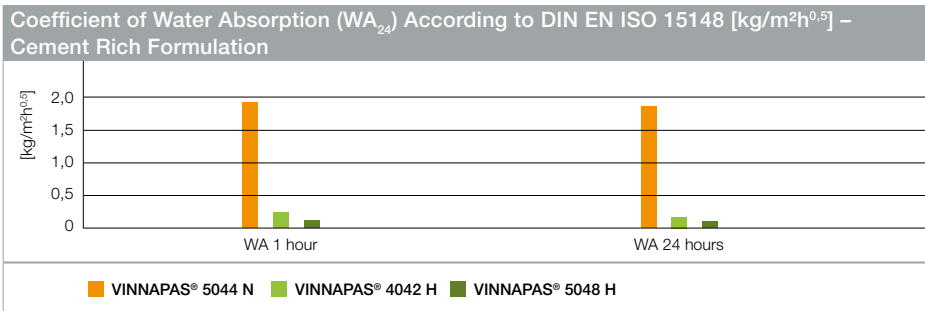
With Convincing Characteristics

Both products stand out by their

- excellent workability
- high impact resistance
- low water up-take
- high mechanical strength
- very good adhesion to EPS and other insulation materials
- good compatibility with other mortar additives.



VINNAPAS® 4042 H and VINNAPAS® 5048 H show excellent adhesion to EPS in base coats for External Thermal Insulation Composite Systems (cement rich or lime rich formulation). Wet storage shows better results for VINNAPAS® 5048 H due to the superior hydrophobicity.



VINNAPAS® 4042 H and VINNAPAS® 5048 H have extremely low water absorption in base coats for External Thermal Insulation Composite Systems (cement rich or lime rich formulation). The results for VINNAPAS® 5048 H are lower due to the superior hydrophobicity.

Go for the Optimum!

Polymer and silicone chemistry have changed the construction industry worldwide. WACKER offers you this expertise in a unique way. Only WACKER is at the same time

- a worldwide leader in polymer binders for construction materials
- one of the biggest silicone producers globally

- close to you with a native expert staff
- able to offer individual technical assistance through our Technical Centers

Our comprehensive portfolio, long experience and strong service will help you find the fitting solution for your specific application. Talk to us!

Profit from our Broad Portfolio

To make life easier for you, we have divided our products into two separate categories: VINNAPAS® Standard (VINNAPAS® N) and VINNAPAS® Plus (VINNAPAS® E, H, T, L, F). Polymer powders of the VINNAPAS® N-Class are our benchmark products. Their specific property is a neutral effect on rheology. They provide a high degree of formulation freedom and are ideal for various applications. VINNAPAS® H-Class products have remarkable hydrophobic properties making them ideal for all types of plasters and tile grouts as well as for ETICS.

Talk to our Experts!

With VINNAPAS® you profit from global experience and local expertise. Our experts at the Burghausen Technical Center will help you adapt formulations to your local raw materials, optimize and test products on state-of-the-art equipment in our laboratory, in accordance with local and international testing standards. In Burghausen, you will also find a branch of the WACKER ACADEMY, a unique training and competence center that offers specialized seminars on relevant industry topics. Our seminars grant you access to a wealth of unique knowledge accumulated over 70 years of R&D and practical polymers' expertise.

Wacker Chemie AG, Hanns-Seidel-Platz 4, 81737 München, Germany
 Infoline +49 89 6279-1741, Fax +49 89 6279-1770, info@wacker.com,
 www.wacker.com /vinnapas, www.wacker.com/construction



The data presented in this information sheet 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 information sheet 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.