

WACKER

CREATING TOMORROW'S SOLUTIONS



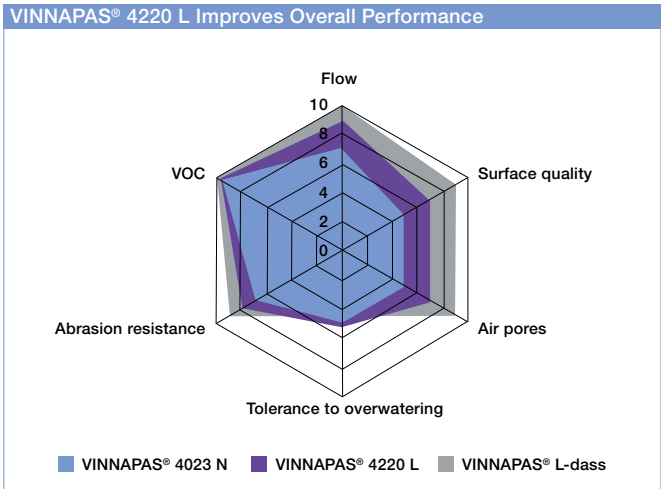
VINNAPAS®

CONSTRUCTION | DISPERSIBLE POLYMER POWDERS | EMEA

VINNAPAS® 4220 L:
THE PERFECT MULTI-TALENT
FOR ECONOMIC FLOORING
APPLICATIONS

VINNAPAS® 4220 L: GREAT OVERALL PERFORMANCE

VINNAPAS® 4220 L shows superior performance in the characteristics important for high-quality and standard self-leveling compounds, while maintaining a perfect balance between performance, economy and ecology.



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 service. VINNAPAS® dispersible polymer powders are used worldwide to modify building materials, making WACKER a global technology and market leader in polymer binders.

THE KEY TO BETTER SELF-LEVELING COMPOUNDS

Self-leveling compounds must create smooth, void-free surfaces. Modification with polymer binders is the key to fulfilling these market demands. With VINNAPAS®, WACKER offers a globally leading portfolio of dispersible polymer powders comprising four product classes.

Proven Solutions

VINNAPAS® N grades e.g. provide a high degree of formulation freedom and are ideal for various applications. VINNAPAS® L grades create smooth surfaces by displaying excellent leveling properties.

A Novel Product

With VINNAPAS® 4220 L WACKER rounds up its portfolio with a solution that offers typical basic advantages of the VINNAPAS® L class promoting polymer modification even for economic flooring applications.

Many Benefits

VINNAPAS® 4220 L was developed to fit the “magic” triangle of performance, economy and ecology. It can be used in standard and high quality self-leveling compounds, adding

- good defoaming properties
- good flow properties
- low VOC

Product Data of VINNAPAS® 4220 L

Polymer base	Vinyl acetate–ethylene copolymer
Protective colloid system	PVOH
Minimum film-forming temperature	1 °C
Glass transition temperature (Tg)	6 °C
Product class / effect	L = leveling
Flexibility	Semiflexible

Comparison between unmodified and modified Self-leveling compounds: products of the VINNAPAS® L class have excellent defoaming properties.



VINNAPAS® is a registered trademark of Wacker Chemie AG.



PART OF A POWERFUL PORTFOLIO

VINNAPAS® 4220 L is WACKER's latest development in a series of specialised grades that show excellent leveling properties and are ideal for the formulation of self-leveling compounds.

High Durability

By improving adhesion, abrasion resistance and surface hardness, VINNAPAS® dispersible polymer powders yield floors that have long service lives.

Healthy Living

VINNAPAS® dispersible polymer powders for self-leveling flooring compounds support low-emission solutions that meet major eco-standards, such as EMICODE® EC1 Plus and Blue Angel, in full.

Short Application Times

The rheological properties of pumpable screeds and self-leveling flooring compounds can be adjusted to ensure optimum application, be it manually or by pump. This saves construction time

Short Setting Times

Optimized self-leveling flooring compounds have short setting and drying times, allowing foot traffic within a few hours.

More Info

Since the 1960s WACKER has been developing copolymer dispersions and dispersible polymer powders based on vinyl acetate and ethylene. Today we offer you an outstanding portfolio of VINNAPAS® VAE products with many advantages.

To find out more, please go to www.wacker.com/move



The screed in this picture was applied to 550 m² in two hours. After two hours more the floor could be walked on.

VINNAPAS® 4220 L Provides Defoaming and Leveling Properties in SLC				
	Product Benefit	Special features		
		Flow Support	Defoaming	Stabilization
VINNAPAS® 4220 L	Basic leveling and defoaming for low VOC products	▲▲	▲	▲▲
VINNAPAS® 4410 L	Excellent defoaming properties for very smooth, flat surfaces and good stabilization against water over-dosage	▲▲	▲▲▲	▲▲▲
VINNAPAS® 5023 L	Good defoaming properties for smooth surfaces and specifically recommended for end products with melamine sulfates	▲▲	▲	▲▲
VINNAPAS® 5025 L	Good defoaming properties for smooth surfaces and very good tolerance against water over-dosage	▲▲	▲	▲▲▲
VINNAPAS® 5111 L	Very good defoaming properties at low viscosity for very smooth, flat surfaces for end products with very low emissions	▲▲▲	▲▲	▲
VINNAPAS® 5222 L	Very good defoaming properties at low viscosity for smooth, flat surfaces	▲▲▲	▲▲	▲

Neutral ▲ Good ▲▲ Very good ▲▲▲



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