

VINNAPAS® 728 ND

Product description

VINNAPAS® 728 ND is a dispersion providing very high mechanical strength.

Properties

VINNAPAS® 728 ND is a polymer dispersion based on vinyl acetate, ethylene and acrylate.

Application

VINNAPAS® 728 ND is suitable for use as a binder for topcoats, such as synthetic resin or silicone resin plasters on exterior insulation and finish systems.

For typical application fields of VINNAPAS® 728 ND, refer to the following application table. Please discuss additional applications with your WACKER customer representative.

Application	Recommendation	Suitability
Renders/plasters	Synthetic resin bound renders/plasters	●
	Silicone resin renders/plasters	●
Exterior Thermal Insulation Composite Systems	Top coats (Ready-to-use)	●
● highly recommended ○ recommended		

Storage

When the dispersion is stored in tanks, proper storage conditions must be maintained. VINNAPAS® 728 ND has a shelf life of 6 months starting from the date of receipt if stored under cool (below 25 °C) but frost-free conditions in the original, unopened containers. Iron or galvanized iron containers and equipment are not recommended. Corrosion could result in discoloration of the dispersion or blends made from it in further processing. We therefore recommend the use of containers and equipment made of ceramic, rubberized or enameled materials, appropriately finished stainless steel, or plastic (rigid PVC, polyethylene or polyester resin). As polymer dispersions may tend to superficial film

formation, skins or lumps may be formed during storage or transportation. A filtration process is thus recommended prior to utilization of the product.

Preservation for transport, storage and further processing

VINNAPAS® 728 ND is adequately preserved during transportation and storage if kept in the original, unopened containers. When stored in tanks, the dispersion should be modified with a preservative to prevent microbial contamination. Suitable measures should be taken to ensure that the tanks are properly clean. In storage tanks in which the product is not stirred, it is advisable to cover the surface of the dispersion with 1 - 2 cm of water, to which a preservative has been added. This will prevent skin formation and microbial contamination. In the case of storage in silos, it is important that the air drawn into the silo when the product is discharged is also kept free of germs. As a rule, all finished products manufactured from polymer dispersions also require preservation. The type and extent of preservation will depend on the raw materials used and the anticipated sources of contamination. The compatibility and effectiveness of the preservatives should be checked for a given formulation. Preservative manufacturers will be able to advise you on the type and amount of conservation agent to use.

Packaging

Non-returnable PE drums of 150 kg capacity (standard dispatch quantity: only fully-loaded pallets à 750 kg), non-returnable containers of 1 t capacity and road tankers.

Additional information

If VINNAPAS® 728 ND is used in applications other than those mentioned, the choice, processing and use of VINNAPAS® 728 ND is the sole responsibility of the purchaser. All legal and other regulations must be complied with.

Safety notes

Detailed safety information is contained in each

Material Safety Data Sheet, which can be obtained from our sales offices.

Product data

Specification data	Inspection Method	Value
Solids content	DIN EN ISO 3251	50 - 52 wt. %
Viscosity, dynamic Measurement condition for the method	DIN EN ISO 2555 Brookfield, spindle 2 / 20 rpm	600 - 1600 mPa.s
pH-Value	DIN/ISO 976	7,0 - 9,0

Typical general characteristics	Inspection Method	Value
Minimum film forming temperature	DIN ISO 2115	approx. 8 °C
Predominant particle size	specific method	approx. 300 nm
Protective colloid / emulsifier system		anionic surfactants
Compatibility with cement	specific method	incompatible
Appearance of the dispersion film	Visual	clear
Glass transition temperature	specific method	approx. 12 °C

Figures below "Typical general characteristics" are intended as a guide and should not be used in preparing specifications.

The data presented in this medium 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 medium 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.

The management system has been certified according to DIN EN ISO 9001 and DIN EN ISO 14001

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For technical, quality, or product safety questions, please contact:

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