

# VINNAPAS® 760 ED



## Polymer Dispersions

VINNAPAS® 760 ED is a construction dispersion for two-component dry mix mortars, specifically suited for cement admixtures and two-component cementitious water-proofing membranes. VINNAPAS® 760 ED belongs to the product class VINNAPAS® ED. It is based on a highly flexible terpolymer of vinyl acetate, ethylene and vinyl ester and which means that it enhances adhesion and flexibility of mortars.

## Properties

- VINNAPAS® 760 ED is a medium particle size, high solids content (59% ± 1%) vinyl acetate - ethylene - vinyl ester dispersion stabilized with surfactants.
- VINNAPAS® 760 ED is a modifying resin which can be used in hydraulically setting compounds to introduce flexibility and adhesion.
- Thus, flexible adhesives and water proofing membranes are the selected applications; it can also be used as the sole binder in (crack-bridging) coatings and adhesives.
- VINNAPAS® 760 ED combines high solids content with excellent flexibility and excellent compatibility with inorganic binders as ordinary Portland cement and high alumina cement; due to its high solids content VINNAPAS® 760 ED allows a broad range of polymer to cement ratios in hydraulic setting compounds.

## Technical data

### Specification

Property	Condition	Value	Method
pH	-	4.0 - 6.0	DIN/ISO 976
Viscosity, dynamic	23 °C   Brookfield, spindle 2 / 20 rpm	100 - 800 mPa·s	DIN EN ISO 2555
Solids content	-	58 - 60 %	EN ISO 3251

### General Characteristics

Property	Condition	Value	Method
Glass transition temperature	-	approx. -12 °C	specific method
Protective colloid / emulsifier system	-	surfactants	-
Minimum film forming temperature	-	approx. 0 °C	DIN ISO 2115
Predominant particle size	-	approx. 300 nm	specific method
compatibility with cement	-	very good	Visual

These figures are only intended as a guide and should not be used in preparing specifications.

All the information provided is in accordance with the present state of our knowledge. Nonetheless, we disclaim any warranty or liability whatsoever and reserve the right, at any time, to effect technical alterations. The information provided, as well as the product's fitness for an intended application, should be checked by the buyer in preliminary trials. Contractual terms and conditions always take precedence. This disclaimer of warranty and liability also applies particularly in foreign countries with respect to third parties' rights.

## Applications

- Two Component Cementitious Waterproofing Membrane
- Cement Admixtures

## Application details

**Application:** VINNAPAS® 760 ED is highly elastic and resistant to weathering even at low temperatures. It provides excellent anchorage on organic and inorganic substrates. The dispersion is therefore ideal for applications which require flexibility and good adhesion. Its excellent compatibility with cement makes VINNAPAS® 760 ED ideal for the modification of cementitious products. The dispersion can be used either as premix – containing e.g. stabilizer, antifoam agent and fillers – to which cement is added at the construction site, or as a 2-component system comprising, firstly, a premix of cement, additives and fillers, and secondly, the dispersion, which may need to be diluted. VINNAPAS® 760 ED is also ideal for introducing flexibility in cementitious tile adhesives. Furthermore, it can be used as a cementitious sealant adhesive. In pure dispersion based applications VINNAPAS® 760 ED can also be used for flexible (crack-bridging) coatings or adhesives. It is suitable as a flexible constituent for blending with less flexible dispersions. For typical application fields of VINNAPAS® 760 ED, refer to the section "application". Please discuss additional applications with your WACKER customer representative.

### Processing:

VINNAPAS® 760 ED can be blended with most VINNAPAS® dispersions and many other aqueous polymer dispersions in any ratio. When blending, it is important to adjust the pH of both dispersions which are to be blended in a pH range in which both dispersions are stable. Storage tests should be carried out to check the compatibility of the mixture.

### Additional information

If the product is used in applications other than those mentioned, the choice, processing and use of it is the sole responsibility of the purchaser. All legal and other regulations must be complied with. Slight color variations of the dispersible polymer powder may occur without impairing the product's functionality.

## Packaging and storage

### 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.

### Storage

When the dispersion is stored in tanks, proper storage conditions must be maintained. VINNAPAS® 760 ED 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, because the dispersion is slightly acidic. 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 form during storage or transportation. Filtration is therefore recommended prior to utilization of the product.

### Preservation for transport, storage and further processing

VINNAPAS® 760 ED 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.

## Safety notes

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. These are available on request from WACKER sales offices or may be downloaded from the WACKER Web site [www.wacker.com/vinnapas](http://www.wacker.com/vinnapas).

## QR Code VINNAPAS® 760 ED



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

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