

# VINNAPAS<sup>®</sup> EF 7877

## Polymer Dispersions

VINNAPAS<sup>®</sup> EF 7877 is an aqueous polymer dispersion based on the monomers vinyl acetate and ethylene. It is produced without the use of plasticizers. VINNAPAS<sup>®</sup> EF 7877 shows excellent filler compatibility.

## Properties

- High filler acceptance
- Good adhesion to a variety of substrates (e.g. concrete, metal, wood, plastics)
- Derived from low-volatile C1/C2 value streams
- Allows for the formulation of low-odor, paintable sealants
- Produced without APEO surfactants

## Technical data

### Specification

Property	Condition	Value	Method
Solids content	-	55 - 57 %	DIN EN ISO 3251
Viscosity, dynamic	23 °C	150 - 1850 mPa·s	DIN EN ISO 2555
pH	-	3.5 - 5.5	DIN/ISO 976

## General Characteristics

Property	Condition	Value	Method
Minimum film forming temperature	-	approx. 1 °C	DIN ISO 2115
Frost resistance	-	protect from freezing	specific method
Protective colloid / emulsifier system	-	surface active agents	-
Filler and pigment compatibility	-	very good	specific method
Appearance of the dispersion film	-	clear, glossy	Visual
Surface of the dispersion film	-	tack free	specific method
Glass transition temperature	-	approx. 10 °C	specific method

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

- Water-Based Caulks

### Application details

VINNAPAS® EF 7877 is especially suited as raw material for caulks and sealants applications. If needed, VINNAPAS® EF 7877 based formulations can be modified with plasticizers. In order to ensure proper efficiency, we recommend the use of rather hydrophilic plasticizers like diisobutylphtalate (DIBP) or benzoate esters. VINNAPAS® EF 7877 can be formulated also in combination with other polymer dispersions. If blended with alkaline dispersions, we recommend adjusting the pH of VINNAPAS® EF 7877 prior to blending.

### Additional information

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

For questions concerning food contact status according the chapter 21 CFR (US FDA) and German BfR, please feel free to contact us.

Wacker Chemie AG Hanns-Seidel-Platz 4 D-81737 München Germany

## Packaging and storage

### Storage

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## 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® EF 7877



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

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