

# VINNAPAS® 7055 E

## Product description

VINNAPAS® 7055 E is a highly flexible dispersible polymer powder based on vinyl acetate, ethylene and vinyl ester for very high crack-bridging properties even at low temperatures.

## Properties

VINNAPAS® 7055 E is a terpolymer powder of vinyl acetate, vinyl ester and ethylene and is dispersible in water. The high ethylene content makes the resin soft and elastic, even at low temperatures. Compounds modified with VINNAPAS® 7055 E exhibit improved adhesion, flexural strength, deformability, abrasion resistance and are easier to process. Leveling, thixotropy and water retention are essentially unaffected. The product is ideal for use in combination with other mortar additives intended to enhance specific properties.

VINNAPAS® 7055 E contains a fine mineral filler as an antiblocking agent. It is produced without the use of organic solvents, plasticizers and film-forming agents.

## Special features

VINNAPAS® 7055 E has no effect on rheology and is suitable for low emission mortars. It features high flexibility and excellent adhesion even at low temperatures to all substrates.

## Application

For typical application fields of VINNAPAS® 7055 E you can refer to the following application table. Please discuss additional applications with your WACKER customer representative.

| Application  | Recommendation             | Suitability |
|--|----------------------------|-------------|
| Waterproofing membranes                                    | Flexible systems           | ●           |
|  | Rigid systems              | ●           |
| External Thermal Insulation Composite Systems (ETICS/EIFS) | Adhesive mortars           | ○           |
|  | Embedding mortars          | ○           |
| Concrete repair mortars                                    | Concrete repair (PCC/SPCC) | ○           |
|  | Patching mortars           | ○           |
| ● highly recommended    ○ recommended                      |                            |             |

## Processing

For the production of ready-mixed dry mortars, such as adhesives and troweling compounds, blend VINNAPAS® 7055 E with the other dry ingredients in appropriate equipment. Temperatures should not be allowed to rise excessively during mixing because otherwise the dispersible polymer powder could agglomerate and lead to the formation of small lumps of resin.

The mortar is prepared for use by adding the recommended amount of water and mixing mechanically or by hand. Since hand mixing generates little shear force, we recommend allowing the fresh mortar to slake for 5 minutes and then stirring it again. This is usually unnecessary where mechanical mixers are employed.

## Storage

VINNAPAS® 7055 E should be stored in a cool place and protected against moisture. Since the product is thermoplastic, it should not be subjected to pressure or high temperatures during storage because of the risk of caking. Storage time should not exceed 6 months from receipt of delivery.

Blends with hydraulic binders, fillers and pigments show better storage stability because these components help to prevent caking. However, blends of this type still have to be protected against moisture.

## Packaging

25 kg paper bags  
Big Bags  
Bulk on request.

## Additional information

If VINNAPAS® 7055 E is used in applications other than those mentioned, the choice, processing and use of VINNAPAS® 7055 E 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.

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

## Safety notes

## Product data

| Specification data                     | Inspection Method | Value                       |
|--|-------------------|-----------------------------|
| Solids content                         | DIN EN ISO 3251   | min. 98 %                   |
| Ash Content                            | specific method   | max. 9 %                    |
| Bulk density                           | DIN EN ISO 60     | 370 - 520 kg/m <sup>3</sup> |
| Typical general characteristics        | Inspection Method | Value                       |
| Appearance                             | Visual            | white to light beige powder |
| Protective colloid / emulsifier system | specific method   | polyvinyl alcohol           |
| Particle size                          | DIN EN ISO 4610   | max. 4 % over 400 µm        |
| Minimum film forming temperature       | DIN ISO 2115      | 0 °C                        |

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

The data presented in this leaflet 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 leaflet 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 recommendations do 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 products 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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