

VINNAPAS® EZ 3010 (CGN)

Product description

VINNAPAS® EZ 3010 (CGN) is an aqueous Polymer dispersion based on vinyl acetate and ethylene. VINNAPAS® EZ 3010 (CGN) is produced without the addition of any plasticizers or solvents. Additionally it is free from alkyl phenol ethoxylate (APEO) containing compounds.

Application

VINNAPAS® EZ 3010 (CGN) is a most suitable binder for interior paints as well as for synthetic resin bound interior plasters. VINNAPAS® EZ 3010 (CGN) shows excellent pigment binding properties. Due to its minimum film forming temperature of approx. 0°C VINNAPAS® EZ 3010 (CGN) doesn't need any coalescence aids for filming and so it's a very suitable binder for paints which complies with the criteria of the Blue Angel, the TÜV Mark, the Austrian Ecolabel as well as the Regulations Environment-Label Switzerland. Of course VINNAPAS® EZ 3010 (CGN) is also a suitable binder for paints which complies with the criteria of the EU Ecolabel as well as the Nordic Swan.

Storage

When VINNAPAS® EZ 3010 (CGN) is stored in tanks, proper storage conditions must be maintained. If stored in the original, unopened containers at cool (below 30 °C), but frost-free temperatures VINNAPAS® EZ 3010 (CGN) has a shelf life of 6 months. Iron or galvanized-iron equipment and containers are not recommended because the dispersion is slightly acidic. Corrosion may result in discoloration of the dispersion or its blends when further processed. Therefore the use of containers and equipment made of ceramics, rubberized or enameled materials, appropriately finished stainless steel, or plastic (e.g. rigid PVC, polyethylene or polyester resin) is recommended.

Preservation for Transport, Storage and further Processing

VINNAPAS® EZ 3010 (CGN) is adequately preserved during transportation and storage if kept in the original,

unopened containers. However, if it is transferred to storage tanks, the dispersion should be protected against microbial attack by adding a suitable preservative package. Measures should also be taken to ensure cleanliness of the tanks. In unstirred tanks, a layer of preservative-containing water should be sprayed onto the surface of the dispersion to prevent the formation of unwanted skin and possible attack by microorganisms. The thickness of this water layer should be < 5 mm for low viscosity dispersions and up to 10-20 mm for high viscosity products. Measures should be taken to ensure that only bacteria-free air enters the tank when the dispersion is removed. Finished products manufactured from polymer dispersions usually also require preservation. The type and scope of preservation will depend on the raw materials used and the anticipated sources of contamination. The compatibility with other components and the efficacy of the preservative should always be tested in the respective formulation. Preservative manufacturers will be able to advise you about the type and dosage of preservative required.

Additional information

If VINNAPAS® EZ 3010 (CGN) is used in applications other than those mentioned, the choice, processing and use of VINNAPAS® EZ 3010 (CGN) is the sole responsibility of the purchaser. All legal and other regulations must be complied with.

For questions concerning food contact status according to chapter 21 CFR (US FDA) and German BfR, please contact:

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Safety notes

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.

Product data

Specification data	Inspection Method	Value
Solids content	EN ISO 3251	54 - 56 %
Viscosity, dynamic at 23 °C	DIN EN ISO 2555	2700 - 5900 mPa.s
pH-Value	DIN/ISO 976	4,5 - 5,5

Typical general characteristics	Inspection Method	Value
Density	DIN EN ISO 2811-1	approx. 1,06 g/cm ³
Minimum film forming temperature	DIN ISO 2115	approx. 0 °C
Frost resistance	specific method	protect from freezing
Predominant particle size	specific method	approx. 400 nm
Protective colloid / emulsifier system	specific method	ionic and nonionic surfactants and polymer compounds
Filler and pigment compatibility	specific method	very good
Electrolyt stability	specific method	very good
Appearance	specific method	clear, glossy
Surface	specific method	slightly tacky

These figures are only 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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For technical, quality, or product safety questions, please contact:

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