

ETONIS® 7245 A

Dispersible Polymer Powders

ETONIS® 7245 A is a poly(vinyl alcohol) stabilized vinyl acetate-ethylene copolymer dispersion with a glass transition temperature (Tg) of +23 °C. and is used in asphalt emulsion-based applications. ETONIS® 7245 A imparts excellent adhesion, abrasion resistance, tensile strength, film flexibility, and faster drying time.

Properties

ETONIS® 7245 A can be compounded with asphalt emulsion and is combinable with common additives such as emulsifier, defoamer, thickeners and fillers. In asphalt emulsion, ETONIS® 7245 A is compatible with both cationic and anionic systems. ETONIS® 7245 A improves rheology, softening point, elastic recovery, torsional recovery and tensile strength in residual asphalt. It provides excellent adhesion, abrasion resistance, and fuel resistance in surface treatment applications.

Technical data

Specification

| Property | Condition | Value | Method |
|--------------------|-----------|---------------------------|------------|
| Viscosity, dynamic | - | 1300.000 - 2300.000 mPa·s | Brookfield |

General Characteristics

| Property | Condition | Value | Method |
|--|-----------|-------------------|-----------------|
| Appearance of the dispersion film | - | slightly hazy | - |
| Glass transition temperature | - | approx. 23 °C | specific method |
| Minimum film forming temperature | - | approx. 10 | specific method |
| Protective colloid / emulsifier system | - | polyvinyl alcohol | - |

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.

Protect against frost.

Application details

ETONIS® 7245 A is suitable for modifying both anionic and cationic asphalt emulsions where rapid setting, good machining, and easy clean-up properties are required. It is used in waterproofing, roofing, tack coat, chip seal, fog seal, scrub seal, micro surfacing and sealers, and other cold asphalt applications.

If ETONIS® 7245 A is used in applications other than those mentioned, the choice, processing and use of ETONIS® 7245 A is the sole responsibility of the purchaser. All legal and other regulations must be complied with. Slight discoloration may occur without impairing the product's functionality.

ETONIS® 7245 A may be used with both anionic and cationic asphalt emulsions. ETONIS® 7245 A can be incorporated into asphalt emulsion through addition to the soap solution (batch process) or via co-milling (continuous process). It may also be added directly to the asphalt emulsion with minimal stirring. The amount of ETONIS® 7245 A needed to modify cold asphalt emulsions ranges from 1.0 - 5. % v/v relative to the asphalt emulsion. The amounts used in special applications for higher ductility, flexibility and elongation may be considerably higher. The exact amount will depend on the requirements profile.

Packaging and storage

Packaging

Totes and Bulk.

Storage

During storage, protect the product from contact with moisture. Prolonged storage at temperatures above 30 °C, especially in combination with pressure, humidity or exposure to sunlight, may result in blocking. Carefully seal any open containers and store them under suitable conditions. We recommend storing the product in a warehouse that provides cool and dry conditions. Do not store the product for more than six months, starting from the date at which it was received, unless the Certificate of Analysis contains a different date, which would take precedence. If the product is stored longer than recommended, it may still be used but users are advised to verify the properties required for the intended use.

Safety notes

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. These are available on request from WACKER sales offices.

QR Code ETONIS® 7245 A



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

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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.