

DUVILAX® KA-9/50

Properties

Copolymer dispersion on the vinyl acetate – acrylate – versalate base in the aqueous environment. The emulsion system consists of a non-ionic emulsifier and polyvinyl alcohol as a protective colloid. It is biodegradable.

Application

Duvilax KA-9/50 is used as a dispersive binder for production of painting coating substances on the water basis for interior, production of binders, coats, modified dispersive adhesives, etc. Depending on the used procedure, it may also be applied to coatings in exteriors and wood. After dilution with water in the 1:4 - 1:6 ratio, it is suitable for the penetration of absorbent surfaces under water-based paints.

Storage

Duvilax KA-9/50 is stored in the original, undamaged and closed containers, at the temperature ranging from 5°C to 40°C; it must not be exposed to direct sunlight. Goods delivered in tankers are stored in specially designed reservoirs protected against corrosion. Free access of air from the surrounding environment needs to be prevented in reservoirs (for example via a water valve) or reservoirs need to be equipped with an agitator. Avoid mixing with other agents and micro-biologically defective material. After emptying a reservoir, the reservoir needs to be cleaned and disinfected with a biocidal agent.

Parameters

appearance	viscous liquid of white colour
dry matter content	min. 49,0 %
viscosity	300 – 3 000 mPa.s (Rheotest) 500 – 7 500 mPa.s (Brookfield RVT, ISO 2555)
pH	4 – 6
min. film forming temperature	6 °C

film properties	transparent, flexible and non-sticky
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NaOH resistance	98 %
absorbability in water	cca. 75 %
solubility in water	max. 1 %
wet abrasion	> 45 minutes
hardness	8 - 10 %
strength	2 - 4 MPa
tensibility	200 - 300 %

Packaging

plastic packages: 30kg keg, 125kg; steel barrel 200kg, 220kg; plastic container 1,000kg; rail and car tank.

Warranty

6 months from the date of production if storage conditions are observed.

Updated: 05/2017

This technical data sheet cancels all previous versions and replaces them. Information contained therein are not binding and are only of an informative and general character. They are based on our own experience, research and objective testing. The product meets the above specifications only during the warranty period and under the conditions in this data sheet. The company Duslo, Inc. does not guarantee the suitability of the product for a particular purpose. Use of the product for a specific purpose, including suitability for a particular purpose and methods of its use, is the customer obliged to test in specific technology conditions. Information relating to health and safety at work are provided in the Material Safety Data Sheet. More product information, details and contacts are available on www.duslo.sk. Written and / or oral advice, relating to a product, has the character of a non-binding recommendation.