

# DUVILAX® KA-11

## Properties

Copolymer dispersion on the vinyl acetate – acrylate 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-11 is used, in particular, as a dispersive binder for the production of coatings of aqueous base for interiors and wood. Depending on the used procedure, it may also be applied for coatings in exteriors. In addition, it may also be used for producing binders, coats, dispersion adhesives, etc. In the textile industry, it is used for chemical strengthening of floorings and preparation of special mixtures for reverse treatment of carpets. Dispersion is also suitable for the production of modified dispersion adhesives.

## Storage

Duvilax KA-11 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 cisterns 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. 51.5%
viscosity	800 – 3 000 mPa.s (Rheotest) 3 000 –13 000 mPa.s (Brookfield RVT, ISO 2555)
pH	4 – 6
min. film forming temperature	5 °C
<b>film properties</b>	transparent, flexible and slightly sticky
absorbability in water	cca. 55 %
solubility in water	max. 3 %
hardness	3 - 5 %
strength	2 - 4 MPa
tensibility	350 - 450 %

## 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.

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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](http://www.duslo.sk). Written and / or oral advice, relating to a product, has the character of a non-binding recommendation.