

DUVILAX® BD-5

Properties

Homopolymeric polyvinyl acetate dispersion in the aqueous environment containing an external plasticiser. The emulsion system consists of a non-ionic emulsifier and polyvinyl alcohol as a protective colloid. It is biodegradable.

Application

Duvilax BD-5 is a special dispersion, which is used as a binder for the manufacture of fibre boards by wet compression and as the basic component of formulations intended for the backing treatment of textile floor coverings (from natural and polymer fibres). Duvilax® BD-5 can be used as a substitute for wood adhesives in some applications. Bond strength meets the requirements of standard EN 204 for class D1.

Packaging

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

Parameters

appearance	viscous liquid of white colour
dry matter content	min. 51,0 %
viscosity	5 000 – 6 000 mPa.s (Rheotest) 8 000 – 20 000 mPa.s (Brookfield RVT, ISO 2555)
pH	3 – 5
min. film forming temperature	7 °C
film properties	transparent, little elastic, soft and slightly sticky

Storage

Duvilax BD-5 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.

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.