

# DUVILAX® D3 RS

## Properties

Homopolymeric polyvinyl acetate dispersion in the aqueous environment without fillers. It is biodegradable.

## Application

Duvilax D3 RS is one component wood glue with rapid creation of joint, long-term moisture-resistant according to EN 204 category D3. It is suitable for bonding field joints and printed circuit boards, for bonding veneers, frames, longitudinal joining, manufacture of windows, doors, furniture, flooring and joinery. It bonds hardwood, softwood, chipboard and agglomerated cellulosic material. The joint can be mechanically stressed after 6 hours. Duvilax D3 RS is designed for bonding objects to be placed outdoors protected from weather or indoors with frequent short-term influence of water or condensate of air humidity or long-term effects of high air humidity. The adhesive is suitable for bonding small wooden toys and items coming into contact with food. It is used in the original condition and must not be diluted or otherwise treated.

## Storage

Duvilax D3 RS is stored in the original, undamaged and closed packages, at the temperature ranging from 5°C to 40 °C. It must not be exposed to direct sunlight.

## Packaging

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

## Parameters

appearance	viscous liquid of white colour
dry matter content	min. 45,0 %
viscosity	3 000 – 4 500 mPa.s (Rheotest) 4 000 –10 000 mPa.s (Brookfield RVT, ISO 2555)

The said viscosity value applies at the time of manufacture. Increasing the viscosity of the adhesive during storage is its natural feature, after mixing the adhesive can be used again.

pH	3 – 5
min. film forming temperature	8 °C
shear bond strength (beech-beech) min.	10 MPa
resistance class according to EN 204:	D3
film properties	transparent, hard, brittle and non-sticky

## Gluing conditions

working temperature	min. 15 °C, for bonding with heating max. 100 °C
glued panels humidity	8 – 12 %
consumption (recommended)	100 – 160 g/m <sup>2</sup>
way of application	brush, squeegee, roller, nozzle
press power	min. 0,7 MPa
press working time	10-30 minutes according to the type of a joint and conditions of glueing
time of drying at 20°C	ca. 6 hours
open period	min. 12 minutes

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