



TECHNICAL DATASHEET

DANAFIX

Water resistant D3 wood adhesive

Product:
D-coll 3031-2

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Product Description and Application:

D-coll 3031-2 is a wood adhesive especially suitable for assembling, edge bonding and block lamination. The adhesive has the water resistance durability class D3 according to EN 204/205.

D-coll 3031-2 is suitable for gluing of products for indoor use and can also glue a few metals on wood or wood-based products.

Article numbers:

0,9 kg bottle:.....	ZVF3031F0,9
20 kg bucket:.....	ZVF3031SP20
120 kg drum:.....	ZVF3031-120

Physical / Chemical Properties:

Adhesive:	3031-2
Type:.....	Water based PVAc-dispersion
Colour:.....	White
Solid content [%]:.....	47%
Viscosity (Brookf. RVF, 20 rpm) [cP]:.....	19.500 ± 2000
Density [kg/ltr.]:.....	1,1
pH:.....	2,5 – 3,5
Shelf life:.....	Minimum 12 months in unopened packing if stored cool.

Cured joint:	
Colour:.....	Matt transparent

Directions for use:

Preparation:	Both surfaces must be clean, dry and well adjusted. Optimum results are obtained with newly worked wood.
Application:	The adhesive is applied on one surface. When bonding hard woods, two-sided application is recommended, as well as increasing assembly time and pressing time.
Wood moisture content:	8 - 14 %
Amount of glue:	150-250 g/m ² depending on the surfaces and required open time.
Application temperature:	12 - 80 °C
Open assembly time: 20 °C, 50 % RH pine, 9 % moisture	Up to 13 min. Absorbent materials, less amount of glue, low moisture content in material and air and ventilation will influence the open time.
Pressure:	Soft wood as e.g. conifer wood 0,6-0,8 MPa (6-8 kp/cm ²) Hard wood as e.g. deciduous wood 1,0-1,2 MPa (10-12 kp/cm ²)
Pressure times, pine approx. 50 % RH, approx. 9 % moisture content of the wood	5-10 min. at 20 °C. Pressure times should be increased for hard woods, two-sided application, higher humidity of the air and higher moisture content of the wood. The pressing time can be reduced if the wood is preheated. Full water resistant is obtained after app. 5-7 days.
Cleaning:	Wet uncured adhesive can be removed with water. Cured adhesive can only be removed by organic solvents (e.g. acetone).
Storage:	Adhesive should be stored cool (max. 20 °C) in tightly closed packing. Must be protected from frost.

All information's are meant as a guideline. Sufficient test should be carried out to determine final working condition.

Safety:

Hazard Symbols: None
Risk and Safety phrases: None

For further information concerning safety, refer to safety Datasheet.

Further information:

DANA LIM offers a range of adhesives for professionals:

100-series: Upholstering adhesives
200-series: Flooring adhesives
300-series: Wall adhesives
400-series: Wood adhesives
500-series: Sealants & PU-foams
600-series: Building-additives, fillers etc.
700-series: Paper-, packaging- and newspaper adhesives
800-series: Hot melt
900-series: Cleaning-, release agents and hardeners.

The information and data contained in this data sheet are based on extensive laboratory testing and our practical experiences, and are meant for helping the user to find optimum working methods. As the conditions at the user are beyond our control, we make no warranties concerning the results, achieved by the products. The information's in this technical data sheet are typical values, intended as a guideline. They should not be regarded as product specifications. Please also refer to our standard sales conditions and terms of delivery.