



TECHNICAL DATASHEET

DANAFIX

Water resistant D3 wood adhesive

Product:
D-coll 3060

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Company DANA LIM A/S
Københavnsvej 220, DK-4600 Køge

Ph.: 56 64 00 70, Fax.: 56 64 00 90, www.danalim.dk
Technical Service Ph.: 56 64 00 75

Prepared by: Bo Brehmer

Product Description and Application:

D-coll 3060 is a water based adhesive for All-round wood gluing application. The adhesive is certificated by ift Rosenheim for water resistant class D3 according to DIN EN 204/205. The adhesive is especially suitable for assembling wood which frequently are exposed to variations in temperature and humidity.

D-coll 3060 is characterised by an extreme high initial strength and very short pressing time under hot or HF press.

D-coll 3060 does not contain mineral fillers and tools wear is very low.

Article number:

| | |
|-------------------------|-------------|
| 20 kg bucket:..... | ZVF3060SP20 |
| 120 kg drum:..... | ZVF3060F120 |
| 650 kg container:..... | 6050446 |
| 1000 kg container:..... | ZVF3060 |

Physical / Chemical Properties:

| | |
|--|---|
| Adhesive: | 3060 |
| Type:..... | Water based PVAc-dispersion |
| Colour:..... | White |
| Solid content [%]:..... | 55 |
| Viscosity (Brookf. RVF, 20 rpm) [cP]:..... | 6.000 ± 2.000 |
| Density [kg/ltr.]:..... | 1,1 |
| pH:..... | 2,8 – 3,3 |
| Shelf life:..... | Minimum 12 months in unopened packing if stored cool. |

Glue 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: | 150-200 g/m ² depending on the surfaces and required open time. |
| Application temperature: | 8 - 100 °C |
| Open assembly time: 20 °C, 50 % RH pine, 9 % moisture | 5-8 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 | 4-8 min. at 20 °C with a following resting period before further processing. 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 7 days. |
| Cleaning: | Wet adhesive can be removed with water. Cured adhesive can only be removed by organic solvents (e.g. ethanol). |
| 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: GHS08



Risk and Safety phrases: H350: may cause cancer.

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.