



TECHNICAL DATASHEET

DANAFIX

Water Based Upholstering Adhesive

Product:

DANA Water Based Upholster Adhesive:

1100H 1201B 1300H
1101B 1301B
1105SVB 1302G
1303R
1306SVR

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Product description and application:

The series DANA Water Base Upholster Adhesive is developed for gluing of textile and for the upholster industry. The adhesives have a good tack and obtain immediately high strength. Because of that bending and assembling are possible by a light press. Some of the adhesives are added trace colour to make it easier to control that the application of adhesive is smooth and uniform.

The 1100-serie is adhesives with low viscosity. That makes application in a very thin layer possible which is very suitable for gluing of foam and for gluing without tensions e.g. textile and foam.

The 1200-serie is adhesives with medium viscosity and is suitable as an all-round adhesive.

The 1300-serie is adhesives with high viscosity and is especially suitable for gluing of foam on absorbent materials as wood, masonite etc. and gluing with high tensions.

Materials:

	1100-serien	1200-serien	1300-serien
PE foam.....	●	●	●
Fibertex.....	●	●	●
Textile.....	●	●	●
Leather.....	●	●	●
Synthetic leather.....	●	●	●
Jute.....	●	●	●
Wood.....	●	●	●
Masonite.....	●	●	●
Cardboard.....	●	●	●
Metal.....			

Physical / chemical properties:

	1100-serien	1200-serien	1300-serien
Lim:	Centrifuged liquid natural rubber latex		
Type.....	Centrifuged liquid natural rubber latex		
Colour.....	1100H: White 1101B: Blue 1105SVB: Light blue	1201B: Blue	1300H: White 1301B: Blue 1302G: Yellow 1303R: Red 1306SVR: Light red
Solid content.....	60 %		
Viscosity.....	160 cP	2000 cP	3000 cP
Density.....	0.94 kg/l		
pH.....	9-10		
Shelf life.....	Minimum 6 months in closed original packaging if stored cool		

Cured joint:

Resistance to:

Temperature.....	-40 °C to 70 °C
Water.....	Very good
Other.....	Direct sunlight or contact oil substances may soften the adhesive. Some textiles contain oil-substances.

Directions for use:

- Preparation:** All surfaces must be free from oil, fatty substances, slippery agents, dust and loose particles.
- Application equipment:** The application equipment may not contain copper, iron or brass, because those metals react with the adhesive and makes the adhesive coagulate.
- For feeding of the application gun a pressure tank or a membrane pump is suitable.
- Application:** The adhesives are applied at both surfaces in an even and equal layer.
- Amount of glue:** 20-100 g/m²
- Drying time:** 5- 45 minutes depending on the air humidity and material temperature and moisture content. The drying time can be reduced by using air circulation with/without heated air or IR heating.
- Open assembling time:** 24 hours. For gluing of materials without big tensions in the glue line assembling is possible after several days.
- Cleaning:** Uncured adhesive can be removed with water. Tools are cleaned with water added 5% ammonia. Cured adhesive can be removed mechanically.
- Storage:** Cool (max. 25 °C) in tightly closed packing. Protect from frost.
- Packaging:**

	1100H	1101B	1105SVB	1201B	1300H	1301B	1302G	1303R	1306SVR
1 l bottle	3810	3820	-	-	3880	-	-	-	-
5 l canister	3812	3822	-	-	3882	3892	-	-	-
15 l bucket	-	3823	3943	-	3883	3893	-	3923	-
20 l bucket	-	-	-	-	3888	3898	-	-	-
25 l canister	3814	3824	-	-	3884	3894	3914	-	3985
125 l drum	-	3826	3949	3866	3885	3899	3916	-	3887
200 l drum	-	-	-	3861	-	-	-	-	-
600 l container	-	-	-	-	38886	-	-	-	-
1000 l f-container	-	-	-	-	-	3897	-	-	-
1000 l container	-	3828	-	-	-	-	-	-	-

All stated information is meant as a guideline. Sufficient tests should be carried out to determine final working condition.

Safety:

- Hazard symbols:** None
- Risk and safety phrases:** None

For further information concerning safety, please 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-foam

600-series: Building-additives, fillers, etc.

700-series: Paper-, packaging and newspaper adhesives

800-series: Hot melt

900-series: Cleaning- and release agents

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.