



TECHNICAL DATASHEET

DANAFIX

Adhesives for untreated paper/cardboard

Products: DANAFIX 790 DANAFIX 791 DANAFIX 792 DANAFIX 793 DANAFIX 794/2	DANAFIX 795 DANAFIX 797 DANAFIX 799	Date of issue: 25.02.2019 (Replaces: 16.14.2018) 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:

DANAFIX 790-series has been developed for bonding untreated paper and cardboard. Adhesives are transparent when dry and give a strong and slightly flexible joint.

DANAFIX 793 has a high solid content and the viscosity is modified to suit most surfaces which give a very fast setting and good adhesion. DANAFIX 793 is suitable for productions where a foaming system is used.

DANAFIX 791, 792, 795, and 797 are designed for roller application. The adhesives do not build up layer on the roller and is very easy to clean. DANAFIX 791 and 799 are suitable for productions where a foaming system is used. DANAFIX 792 has a very long open time.

DANAFIX 794/2 is specially used on fast machinery with open vessels. The adhesive has reduced tendency of skin formation.

Applications:

Materials	790	791	792	793	794/2	795	797	799
Paper:.....	●	●	●	●	●	●	●	●
Cardboard:.....	●	●	●	●	●	●	●	●
Aluminium coated paper:	●	●	●	●	●	●	●	●
Varnished surfaces:	See DANAFIX 750-series and 780-series							
Waxed surfaces:...	See DANAFIX 740-series							
PE-coated surfaces:								
Textiles:.....	●	●	●	●	●	●	●	●
Leather:.....	●	●	●	●	●	●	●	●

Article numbers:	790	791	792	793	794/2	795	797	799
20 l bucket:.....	-	-	-	6924	6943	6894	-	-
20 l drum:.....	-	-	-	-	-	6985	-	-
125 l drum:.....	-	-	-	6928	6946	6896	-	-
600 l container:.....	-	-	-	-	-	-	-	-
1000 l container:.....	7531	6864	6791	-	6947	-	6987	7108

Physical / Chemical Properties:

Adhesive:	790	791	792	793	794/2	795	797	799
Type:.....	Water based PVAc dispersion							
Colour:.....	White							White /Blue
Solids content [%]:...	55	46	34	58	48	43	42	46
Viscosity [cP]:.....	2000	3000	2000	2800	9000	3000	1000	3000
Density [kg/ltr.]:.....	1,1							
pH:.....	4-5							
Shelf life:.....	Min. 12 months in unopened packaging if stored cool.							

Glue joint:	
Colour:.....	Transparent

Directions for use:

Preparation: All surfaces must clean and dry, free from oil, grease, release agents, dust and loose particles.

Dilution: The adhesive is delivered ready for use but can if necessary be diluted with water.

Application: The adhesive is applied in a thin layer on one of the surfaces.
The two materials are put together while the adhesive is still wet.

Open time: The applied amount of adhesive and the surfaces absorbency have a great influence on the open time of the adhesive. If longer open time is needed – see DANAFIX 710-series.

Drying time The adhesive dries as water evaporates from it. Therefore, temperature, the amount of adhesive and the surface absorbency are of great importance to the drying time of the adhesive. Shortly after application (5 – 10 sec.) the adhesive is able to fix the two surfaces together. Here after the objects may be stacked, and the joint will obtain final strength. Full hardening occurs after approximately ½ - 4 hours.

Cleaning: Wet adhesive can be removed with hot water. Dry adhesive can be removed by soaking the objects into hot water, ethanol or acetone.

Storage: Cool (max. 20 °C) in tightly closed packaging. Must not be exposed to 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.

In the 700-series: Paper-, packaging- and newspaper adhesives offers:

700-series: Different special adhesives

710-series: Adhesives for paper with a long open time

730-series: Pressure sensitive adhesives

740-series: Gluing of difficult (ex. Waxed) surfaces

750-series: Gluing of lacquered surfaces

760-series: Bookbinder adhesives

770-series: Newspaper adhesives

780-series: Gluing of difficult surfaces (roller or nozzle application)

790-series: Gluing of untreated paper and cardboard

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.