Technical Product Information

ADiNO® FG 4540.0

Formerly FG 540

Solvent-Based Foam Glue

Application

- Assembly bonding of upholstery PU foam material to itself, to fabrics, leather, wood, wood-based boards, plastics, metal, hardboard, paper-board, rubberized hair, fleece and other plasticizer free materials.
- Typically used in the mattress & upholstery industry.
- Suitable for difficult materials such as EVA and PS foam and other plastic materials.

Characteristics

- Low consumption, low odour
- One- and two-side application
- Very high adhesion property
- Soft glue-line
- Very good sprayability
- Good initial tack, long tackiness

Technical Data

Basis		:	Synthetic Polymer
Colour		:	.0 = beige .5 = red
Solid content		:	approx. 50 %
Viscosity @ 30°C		:	approx. 300 mPa.s (Brookfield)
Density		:	approx. 0.85 g/cm^3
Application quantity	*(depending on materials used)*	:	80-100 g/m² in one-side application 40-50 g/m² per side in two-side application
Open time	*(Adino test method)*	:	approx. 6 minutes in one-side application approx. 11 minutes in two-side application

Instruction for Use

Apply the glue from flow-cup, pressure tank, or pump system, nozzle in size 1.5-2.0mm, material pressure 2-3 bar. One-side application and immediate joining. For higher tension let the glue evaporate for a few seconds and join with higher strength, or use two-side application.

The open time / tackiness is influenced by the temperature, humidity and material used and therefore self-test is necessary to determine accurate application parameters.

Use cleaner ADiNO® CL 4971.0 to clean equipment after use or in case of long-term work stops, or to dilute ADiNO® FG 4540.0

Packaging / Storage

15 kg pail, 160 kg steel drum, smaller units on request / shelf-life 12 months after production date in tightly sealed container
Keep in a cool and dry place

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