

ADiNO[®] FG 4540.0

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/m ² in one-side application 40-50 g/m ² 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

All information based on internal tests and many years of practical experience. The variety of materials used and different work conditions, which lie beyond our control, preclude any claims based on this data. We recommend performing sufficient test and pilot run that our technical service team gladly support.

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