

ADINO NAIL FREE III

NEOPRENE ADHESIVE

TECHNICAL DATA SHEET

One-component mounting adhesive based on synthetic rubber in organic solvents. Adhesive is used for various assembly and finishing works in construction.

APPLICATIONS

- For bonding of wide range of building materials to most typical surfaces, such as: concrete, plaster, chipboard, wood, plaster board, brick.
- Bonding of baseboards, plinths, doorsteps, floor panels, ceramic tiles.
- Bonding decorative elements made of wood, gypsum, cork, chipboard, metal, stones, foamed polystyrene.
- Bonding of mineral and glass wool.
- Clamping of carpets and PVC floor coverings.

BENEFITS

- Fast and durable initial tack.
- Flexible joint.
- High final strength.
- Excellent adhesion.
- Moisture resistant.

APPLICATION CONDITIONS

Application temperature [°C]	+10 - +30
Optimal bonding temperature [°C]	+15 - +20
Optimal relative air humidity [%]	60

DIRECTIONS FOR USE

Prior to application, read safety instruction presented in MSDS.

SURFACE PREPARATION

Bonded surfaces must be level, dry and free from contaminations and substances hindering adhesion.

PRODUCT PREPARATION

- Cut the nozzle to the required diameter, cut the cartridge outlet and screw the nozzle.
- Insert the cartridge into the applicator gun.

APPLICATION

- Apply adhesive in spots or strips on the surface or bonded material.
- Immediately join the surfaces firmly together with a little twist motion, disconnect them, wait 3-5 minutes and press again strongly and evenly.
- Element's position can be easily corrected without disconnecting for 2-3 minutes after connection.

STRONGMAN CHEMICALS

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WORKS AFTER COMPLETION OF APPLICATION

Cleaning: before curing acetone or mineral spirits, after curing mechanically.
DO NOT WASH HANDS WITH SOLVENTS.

REMARKS / RESTRICTION

- Adhesion tests prior to the application are recommended.
- Avoid contact with water until the adhesive is fully cured.
- Not recommended for PE, PP, Teflon, surfaces permanently wet.
- When bonding polystyrene elements – apply the adhesive economically, at long intervals, in thin strips.
- Not recommended for thin polystyrene elements (during curing adhesive can lightly disturb the surface).
- Not suitable for solvent sensitive surfaces.

TECHNICAL DATA

Color	
beige	+

Uncured	Value
Base: synthetic rubber in organic solvents	+
Solid Content [%]	75 ± 2
Density [g/ml]	1,25 ± 0,05
Working time (depending on ambient conditions and subfloor properties) [min]	10 - 15
Full curing time (in normal conditions) [h]	>72
Yield [g/m ²]	300 - 500
Flammability	+

Cured	Value
Temperature resistance [°C]	-20 to +60
Flammability after curing	-
Tensile force wood to wood	31 kg/cm ²

All given parameters are based on laboratory tests compliant with internal manufacturer's standards and strongly depend on product hardening conditions (c.a., ambient, surface temperature, quality of used equipment and skills of person applying the product).

TRANSPORT / STORAGE

Warranted shelf life is 12 months from the manufacturing date when stored in unopened, original package at temperatures from +5 °C to +25 °C in a dry place protected from freezing and excessive heat.

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SAFETY AND HEALTH PRECAUTIONS

The product is inflammable. All works should be carried out in well-ventilated area away from ignition sources. Do not smoke. The adhesive should be stored in accordance with the rules of storage of inflammable substances. Detailed information is included in the Material Safety Data Sheet (MSDS).



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