

2C Adhesive

Revision: 07/06/2018

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Technical data

Adhesive

Base	Cyano acrylate
Consistency	Liquid Gel
Curing system	Chemical curing
Density	Ca. 1.06 g/mL (ASTM D1875)
Flashpoint	>81 °C
Viscosity	1200 – 1800 cps at 25 °C (ASTM D1084)
Temperature resistance	-20 °C → 70 °C
Application temperature	5 °C → 35 °C

Activator

Base	Hexane
Consistency	Liquid
Temperature resistance	-20 °C → 70 °C (after curing)
Application temperature	5 °C → 35 °C

(*) these values may vary depending on environmental factors such as temperature, moisture, and type of substrates.

Product description

2C Adhesive is a two pack system consisting of a high viscosity cyanoacrylate adhesive and an aerosol activator.

Shelf life

At least 12 months in unopened packaging in a dry storage place at temperatures between +5°C and +25°C. Protect against frost.

Features & Benefits

- High bond strength
- Very fast bonding
- Suitable for use on vertical surfaces as it will not drip or slump.

Substrates

Substrates: Most surfaces, both porous and non-porous. close-fitting surfaces, both porous and non-porous. The surfaces need to be smooth and have a perfectly fitting contact area.
Nature: clean, dry, free of dust and grease.
Surface preparation: No pretreatment required. We recommend a preliminary adhesion test on every surface.

Applications

- Bonding of wooden mitre joints
- Fixing and repairing wooden parts
- Suitable for the fast bonding of e.g. MDF, plastics, metal, timber, porcelain, cork, leather, ceramics, cardboard, paper and rubber.

Application method

Application method: Spray one surface with activator. Apply the adhesive drop by drop to the other surface. Bring materials together, position immediately and press firmly for at least 1 minute. Reseal adhesive bottle tightly immediately after use.

Packaging

Colour: transparent

Packaging: set of 50g adhesive and 200mL activator, 100g adhesive and 400mL activator

Cleaning: Uncured adhesive can be removed from substrates and tools with adhesive remover 90A, cured adhesive can only be removed mechanically.

Repair: With the same material

Remark: This technical data sheet replaces all previous versions. The directives contained in this documentation are the result of our experiments and of our experience and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications which are out of our control, we cannot accept any responsibility for the results obtained. Since the design, the quality of the substrate and processing conditions are beyond our control, no liability under this publication is accepted. In every case it is recommended to carry out preliminary experiments. Soudal reserves the right to modify products without prior notice.

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Health- and Safety Recommendations

Take the usual labour hygiene into account. Take care not to have glue between fingers or eyelids. 2C Adhesive may cause serious eye damage. Keep out of reach of children. Protect activator from sources of ignition. Consult label and material safety data sheet for more information.

Remarks

- After using, clean nozzle and tube with a needle and close the cap.
- The product can be used without activator but will cure much slower.

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