



110LQ Contact Adhesive

Revision: 15/07/2016

Page 1 from 2

Technical data

Basis	Polychloroprene rubber (neoprene).
Consistency	Fluid
Curing system	Physical drying and crystallisation
Density	Ca. 0,85 g/ml
Viscosity (Brookfield)	± 4.000 mPa.s
Open time (*)	Ca. 10 min.
Peel strength	Initial: 2.7 daN/cm, Final: 5.9 daN/cm (boxcalf-rubber)
Application temperature	18 °C → 25 °C
Total solid content	Ca. 22 %

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

Product description

110LQ Contact Adhesive is a ready to use, solvented construction adhesive based on polychloroprene rubber.

Properties

- High initial tack and fast build-up of end strength.
- High adhesive strength
- Fast drying
- Moisture resistant.
- High heat resistance
- Easy application

Applications

- Bonding different materials like rubber, leather, cork, plastic, felt, etc. on various type of surfaces.
- Suitable for bonding metals, rubber, plastics, leather, wood, etc.

Packaging

Colour: Dark amber

Packaging: 1L (metal) tin, 5L tin

Shelf life

12 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°C. The product should be stored in accordance to the rules of storage of inflammable substances. Consult material safety data sheet for more information.

Substrates

Nature: clean, free of dust and grease.

Surface preparation: Rough grinding of smooth surfaces improve the adhesion.

110LQ Contact Adhesive can be applied on all substrates, except for PS (polystyrene), PE, PP, PTFE. We recommend a preliminary compatibility test.

Application method

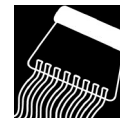
Apply the adhesive uniformly with a notched trowel or a brush on both sides of the surfaces that need to be glued. When surfaces are absorbent, apply a second layer. Ca. 20 min after the first layer. Wait 10 - 15 minutes until dry tough (to evaporate solvents) and join both parts together. Afterwards push firmly. Use a roller or rubber hammer to press together. (or 0.4 - 0.5 MPa for 15 sec with a press) Full end strength is reached within 48 hours. In order to increase strength properties (of the weld), it's recommended to use the heat-activation.

(approx. 55°C for 3 minutes)

Cleaning: Clean with White Spirit or Soudal Surface Cleaner immediately after use (before curing). Cured 110LQ Contact 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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Page 2 from 2

Health- and Safety Recommendations

Take the usual labour hygiene into account.
Use only in well-ventilated areas. Do not smoke. In case of insufficient ventilation it is appropriate to wear respiratory protection.
Consult label and material safety data sheet for more information.

Remarks

- When making connections, the strength and not the duration of the compression will determine the ultimate strength.

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