

# 110LQ Contact Adhesive

Revision: 29/06/2020

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
Total solid content	Ca. 22 %
Temperature resistance**	-20 °C → 110 °C
Evaporation time (=minimum time before bonding)	Ca. 10 min
Open time (23°C, 55% RV)*	Ca. 30 min.
Application temperature	18 °C → 25 °C

\* These values may vary depending on environmental factors such as temperature, moisture, and type of substrates. \*\* This information relates to fully cured product.

## Product description

110LQ Contact Adhesive is a ready to use, solvented contact 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 of many materials such as rubber, leather, cork, plastic, felt, etc. on various types of substrates or among themselves.
- 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 adhesion test on any substrate.

## 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 touch (to evaporate solvents) and join both parts together. Afterwards push firmly. Preferably use a roller or a rubber hammer to press together (if possible). (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

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Revision: 29/06/2020

Page 2 from 2

only be removed mechanically.  
Repair: With the same material.

### 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

- The applied pressure and not the duration of the compression will determine the ultimate strength of the bond.

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