

SOUDABOND 280 POWER SPRAY

Revision: 1/04/2024

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Technical Data

Basis	Synthetic rubber
Curing system	Physical drying
Density	0,83 g/ml
Total solid content	Ca. 30 %
Temperature resistance**	-20 °C → 100 °C
Evaporation time (=minimum time beforebonding)	Ca. 3 min
Open time (23°C, 55% RV)*	Ca. 110 min.
Pressing times	15-30s, press, roll or tap well
Application temperature	5 °C → 30 °C
Spray pattern	Web

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

* This information relates to fully curedproduct.

Descripton:

Soudabond 280 Power Spray is a ready-to-use, strong, and fast contact adhesive based on synthetic rubbers. It is applied two-sided and carried in an aerosol.

Properties:

- Universal use
- Short evaporation time
- Fast strength build-up
- High end strength
- Ready to use and very user-friendly
- Dichloromethane (DCM) free
- Doesn't attack polystyrene
- Fast drying process
- Good adhesion to many materials
- Fast hand tight bond
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Packaging:

Colour: Transparent

Packaging: 500 ml aerosol

Applications:

- For bonding a broad range of materials (not suitable for uneven surfaces)
- Suitable for the fast bonding of, e.g., plastics, etal, timber, porcelain, cork, leather, ceramics, cardboard, paper, and rubber
- Suitable for bonding of low energy surfaces

Shelf Life and Storage:

At least 18 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°C. Upright storage is recommended. The product should be stored in accordance with the rules of storage of inflammable substances. Consult the material safety data sheet for more information.

Health and Safety Recommendations:

Apply the usual industrial hygiene. Work in a well-ventilated place. Do not smoke. If the area is not sufficiently ventilated, wear breathing equipment. Consult the label for more information.

Substrates:

Nature: The materials to be bonded should be flat and well-fitting, as well as clean, dry, and free of dust and grease.

Surface preparation: No pretreatment required. Rough grinding of smooth surfaces improves adhesion. Make sure the surface is dry, flat, solid, pure, and free of dust, adhesive residue, fat, and oil free.

A preliminary adhesion test on every surface is recommended. Soudabond 280 Power Spray can be applied on all substrates. Beware of migration of the plasticizer from soft plastics, as this might negatively influence the bond.

Remark: 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. In every case it is recommended to carry out preliminary experiments.

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Applying Method:

Application method: Shake can well before use. When processing, keep the aerosol can upright at all times and fully press the nozzle. Spray at a distance of approximately 5 to 10 cm from the object. Apply the adhesive evenly to both surfaces to be bonded. Spray the lanes over the surface, preferably having a halfway overlap of the previous lane to ensure the whole surface is covered with two layers. Two light coats (with overlap) give better results than one thick coat. Wait at least 5 minutes (at 23°C and 50% R.H.) and join the two parts together. Then press firmly together. When making a bond, the applied pressure, not the duration of the compression, will determine the ultimate strength. After spraying, hold the can upside down and press the spray head until only propellant and no more product comes out to prevent clogging of the spray can.

Health and Safety Recommendations:

Take the usual labor hygiene into account. Use only in well-ventilated areas. In case of insufficient ventilation, it is appropriate to wear respiratory protection. Consult the label and material safety data sheet for more information. Since the can contains flammable propellant, all possible ignition sources should be removed before application.

Remarks:

- Do not use in applications where continuous water immersion is possible.
- Not suitable for vinyl or other materials with a high content of plasticizers.
- The applied pressure, not the duration of the compression, will determine the ultimate strength of the bond.
- Given the great diversity of possible surfaces, it is recommended to perform an adhesion test on both substrates prior to application.

Liability:

The content of this technical data sheet is the result of tests, monitoring, and experience. It is general in nature and does not constitute any liability. It is the responsibility of the user to determine by their own tests whether the product is suitable for the application.

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