

Code	Description	Size	Colour
146311	Soudal Soudabond 280 Power Spray Aerosol	500ml	N/A

1. Description

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

2. Characteristics

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

3. Technical Data

Base:	Synthetic Rubber
Curing System:	Physical drying
Density:	Ca. 0.83 g/ml
Open Time:	Ca. 120 minutes
Spray Pattern:	Web
Consumption:	Ca. 125ml/m ² (each side)
Application Temperature:	5 °C → 30 °C
Temperature Resistance:	-20°C → +100°C
Pressing Time:	15 – 30 seconds
Solids Content:	Ca. 30%
Evaporation Time: (=time before putting together)	Ca. 3 minutes

* The drying time depends on the room temperature, the thickness of the layer and air humidity and type of substrates.

4. Applications

- Universal use
- Short evaporation time
- Fast build-up of end strength
- High end strength
- Ready to use and very user-friendly
- Doesn't contain toluene and methylene chloride
- Compatible with polystyrene
- Fast drying
- Very good adhesion on many materials
- Fast hand tight bond

5. Packaging

Aerosol canister of 500mL

6. Shelf Life

24 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.

7. Application Instructions

Surfaces:

Type:

Plastics, Metal, Timber, Porcelain, Cork, Leather, Ceramics, Cardboard, Paper and Rubber

State of surface:

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

Both substrates have to be even and/or well matched. Rough grinding of smooth surfaces improves the adhesion. All substrates should be tested for suitability with regard to adhesion and compatibility.

For a **Permanent Bond**

- Shake can well before use.
- Spray at a distance of ca. 5 à 10cm of the object.
- Apply the adhesive evenly to both to be bonded surfaces. Spray the lanes over the surface, preferably having a halfway overlap of the previous lane in order to have covered the whole surface with 2 layers. Two light coats (with overlap) give better results than one thick coat.
- Wait for ca. 3 minutes and join both parts together.
- Afterwards push firmly. The applied pressure and not the duration of the compression will determine the ultimate strength of the bond

Notes

- Once the maximum open time is exceeded and the adhesive is too dry to bond, the surface can be reactivated with an extra thin layer of Soudabond 280 Power Spray
- The applied pressure and not the duration of the pressure will determine the ultimate strength of the bond.

Cleaning Method: Apply Soudal Dissolver SP or solvent cleaner to a cloth to wipe off uncured product.

Repair: Repair with same material

Limitations

- Beware of migration of the plasticizer from soft plastics, this might negatively influence the bond.
- Soudabond 280 Power Spray C&S has no good adhesion or is not suitable for PE, PP, PTFE (Teflon®).
- Not suitable for synthetic materials with a high percentage of plasticizer.
- Do not use in applications where continuous water immersion is possible.
- We recommend a preliminary adhesion and compatibility test on every surface.

Soudal recommends preliminary compatibility tests on surfaces on which Contact spray adhesives have not been applied previously.

8. Health and Safety Recommendation

- Apply only in a ventilated area.
- Apply the usual industrial hygiene.

Remark

*The directives and data contained in this documentation is provided in good faith and accurately reflect Soudal's knowledge when its products are properly stored, handled and applied under normal conditions in accordance with Soudal's recommendations. In practice, the diversity of the materials, substrates, environments, site conditions, product storage, handling and application are such that no warranty can be given in respect to the merchantability or fit for purpose, of any product. All users must determine the product suitability for their purposes through testing. This technical data sheet and product properties may change without notice so users, suppliers and retailers of Soudal products should always check that the data sheets they have are the latest. To the maximum extent permitted by law, Soudal disclaims all warranties in relation to either the manufacture, storage and end use of the product. All orders are accepted subject to our current terms of trade. **If any clarification is required, please contact Soudal Technical Services or email info@soudal.co.nz.***

Created: 4 August 2025

TECHNICAL DATASHEET

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