

## ROMAPLAST data sheet

ROMAPLAST is a high-quality, solvent-based sealant based on butyl rubber. It provides excellent adhesion to wood, concrete, glass, and various metal surfaces. It is highly resistant to diluted acids, alkalis, and remains ductile after curing, accommodating movements. Ideal for sealing in automotive, caravans, boats, roofs, walls, cold storage constructions, and sheet metal industries.

Property	Test Standard	Typical Values
Viscosity	-	pasty, stable
Density	EN ISO 1183-1	approx. 1.5 g/cm <sup>3</sup>
Admissible Total Deformation	-	10 %
Temperature resistance	long-term stress	-20°C to +90°C (
Processing temperature	substrate, environment	+5°C to +30°C
Skin-forming time	-	approx. 4 hours (23°C/50% RH)
Permeability to Water Vapour	-	approx. 0.02 g/m <sup>2</sup> /day (2.5 mm thickness)
Volume shrinkage	EN ISO 10563	approx. 13%
Shelf life	cool and dry conditions	12 months in original packaging

### Properties:

- Adhesion: Excellent adhesion to wood, concrete, glass, and various metals.
- Chemical Resistance: High resistance to diluted acids and alkalis.
- Flexibility: Remains ductile after curing, accommodating movements.
- Mould Resistance: Highly resistant to mould.

### Application Instructions

- 1. Surface Preparation:** Ensure all adhesion surfaces are load-bearing, dry, free of dust, grease, and oil. Porous substrates should be pre-coated with a suitable primer.
- 2. Processing:** Ensure compatibility of materials in the contact area with the sealant. Follow ambient and substrate temperature guidelines. Store in original packaging under cool and dry conditions to maintain product properties.
- 3. Applications:**
  - Sealing articulations and piping.
  - General sealing in automotive industry, caravans, boats.
  - Sealing roofs and walls where thin joints are required.
  - Suitable for sealing tongue-and-groove joints of sandwich panels.
  - Ideal for cold storage construction and refrigeration industries working with sheet metal.

### Safety Precaution

- Wear protective gloves and eye protection.
- In case of skin contact, wash thoroughly with water and soap.