



Product

Self-adhesive acrylic mass.

Application examples

- bonding to glass, steel, acrylic sheets
- application on substrates with low surface tension
- final assembly of glass bars
- high-quality adhesion to polypropylene and polystyrene, as well as to other materials
- assembly of illuminated signs
- bonding of substrates with low surface tension

Colour: White

Thicknesses: 0,64 – 1,10 mm
0,40 mm and 2,00 mm on request

Widths: 6 to 800 mm (every mm)

Available forms (packaging)

On a roll. In boxes, separated by a silicone paper

Properties

- ✓ good resistance to weathering, water and ageing
- ✓ good resistance to high temperatures
- ✓ important, initial tack (adhesion) and rapid adhesion (50% of the final force after 20 minutes, 90% after 24 hours and 100% after 72 hours)
- ✓ allows a clean finish (no mechanical fixings, ...)
- ✓ adheres well to a wide range of metals, plastics, ceramics and composites

Remark

The materials and substrate must be solid, dry, grease-, oil- and dust-free.

Application guide

For maximum adhesion, it is recommended to prepare the contact surface well by removing any traces of dust, soap or oil using a suitable detergent type DOWSIL™ R-40 (based on a well-designed mixture of isopropanol and acetone - clear liquid). DOWSIL™ R-40 is ideal for cleaning non-porous surfaces before applying self-adhesive PVC tapes. Compatible with glass, reflective glass, enamelled glass, metals and plastics. Packaging: can of 1 or 5 litres.

To be used with a soft, lint-free cloth.

Never remove the liner before applying the tape in the correct place. Do not touch the contact surface before applying the product.

We recommend first testing the tape in the actual conditions of the final application.

Technical properties

Property	Value + unit
Temperature resistance	-40°C to +100°C (briefly up to +160°C)
Application temperature	minimum 5°C
Dynamic shear resistance	
○ 0,40 mm	7,80 kg/cm ²
○ 0,64 mm	7,40 kg/cm ²
○ 1,10 mm	6,70 kg/cm ²
○ 2,00 mm	6,20 kg/cm ²
Peeltest on 180°	
○ 0,40 mm	3,25 kg/cm ²
○ 0,64 mm	3,43 kg/cm ²
○ 1,10 mm	3,65 kg/cm ²
○ 2,00 mm	3,98 kg/cm ²
Traction	
○ 0,40 mm	8,20 kg/cm ²
○ 0,64 mm	7,80 kg/cm ²
○ 1,10 mm	7,20 kg/cm ²
○ 2,00 mm	6,80 kg/cm ²
Shear resistance on:	
○ aluminium	58 kg/25 mm ²
○ inox (RVS)	52 kg/25 mm ²
○ pvc	68 kg/25 mm ²
○ ABS	54 kg/25 mm ²
Storage life	12 months after production date

General information

The information contained in this document is provided in good faith and is believed to be correct. However, we have no influence on the conditions in which these products are used or the methods by which they are used. Therefore, this information is not a substitute for tests which the customer must perform himself/herself in order to ensure that the products are safe, effective and achieve the intended purposes. Suggestions regarding the use of the product must not be used as grounds for infringement of any patent whatsoever. The only guarantee Castelein Sealants offers is that this product complies with the Castelein Sealants terms and conditions of sale in force at the time of shipment. Your only remedy in the event of a breach of this guarantee is the refund of the purchase price or the replacement of the product that does not comply with the guarantee.

Technical data of supplier: 01-2015

The producer reserves the right to make changes. 2020 04 01