



**RAMSAUER®**  
**DICHTSTOFFE**

# 110 ACETAT

Permanently elastic 1-component silicone sealant  
in accordance with DIN 18545 Part 2 Group E; abrasion-proof, UV-resistant

- Basis: Acetate system - acidic cross-linking process
- Shore hardness: ~30 (A DIN 53505)
- Tensile strength: ~0.14 N/mm<sup>2</sup> (DIN 52455)
- Elongation at break: ~400 % (DIN 52455)
- Density: ~1,03 g/cm<sup>3</sup> (DIN 52451)
- Temperature resistance: - 50°C to + 180°C
- Processing temperature: + 5°C to + 35°C
- Curing time: ~3 mm in 12 hours, approx. 10 mm in 1 week (at +23°C, 50 relative humidity).
- Movement capability: 25%
- Not suitable for being covered with a paint coat
- Storage life: 12 months in a cool and dry place
- Colours: according to current colour chart
- Packaging: 50ml tubes & 75ml mini-cartridges transparent only; 310ml-cartridges, 400ml- & 600ml-foil bags.

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## Characteristics

110 ACETAT is a silicone rubber specifically made for application to smooth, non-absorbent and non-porous surfaces such as glass, enamel, ceramic, aluminium, etc. without using a primer. 110 ACETAT contains fungicidal agents. Suitable for sanitary facilities !

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## Application

110 ACETAT is suitable for sealing single panes and insulating glass, as well as wainscoting elements in frame structures made of aluminium, high-grade steel, and rigid PVC, for U-section glazing systems, as well as for sealing expansion joints and butt joints in aluminium façade construction.

Preparation of adherent surfaces: The adherent surfaces must be solid, dry, and free from dust, oil, and grease. Prime adherent surfaces carefully if required. The product is not suitable for tarry and bituminous substrates.

Joint design: In case of joints accommodating movement the joint dimensions must be chosen according to the maximum allowed distortion. A minimum joint cross section of 3x5 mm is imperative.

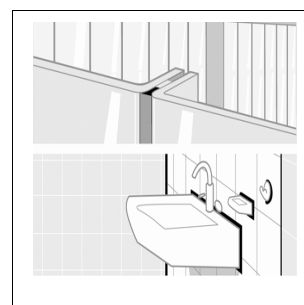
Introducing the sealant: 110 ACETAT must be introduced into the joint evenly and without bubbles while the product is within the processing temperature range. When priming the substrate take into account the open time of the primer. Ensure good adhesion to the adherent surfaces/joint edges during the finishing work (smoothing with Ramsauer smoother). When using a smoother remove any strips of water immediately after sealing. If cleaning is delayed permanent streaks may remain.

Sealants must be applied in accordance with the standards and guidelines as amended from time to time.

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## Protection at work and health protection

Avoid swallowing and prolonged or repeated skin contact. Since small quantities of acetic acid are released during curing of 110 ACETAT the product must be used exclusively in sufficiently ventilated rooms. Keep out of the reach of children. Ask for our safety data sheet!





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### Limitations of application

When using the product with metals in particular with brass, copper, lead, zinc, etc. corrosion may occur due to the acidic acid released during curing. It is imperative to make adhesion tests before applying 110 ACETAT to any substrate (area) previously treated with water dilutable paint systems. In case of poor adhesion the substrate must be primed. It is advisable to make another adhesion test after priming. The product is not suitable for substrates with alkaline reaction, not suitable for tarry and bituminous substrates. Not suitable for gluing mirrors, natural stone, nor for building aquariums and terrariums. Before using the sealant the user must make sure that it is compatible with all materials and substances with which it will be in contact. With respect to any materials which will be used/processed subsequently in contact with or close to the adhesive/sealant it is imperative to make sure in advance that their ingredients and/or cleavage products will not affect or modify the sealant.

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### Advice for application

Ensure sufficient ventilation during processing and curing. In view of the large number of factors which may affect processing and application the user must always try the specific application in an experiment before using the product. Take into account the expiry date of the product. 1-component silicone sealants are not suitable for gluing full areas. The curing time increases with the thickness of the layer. Before using the 1-component silicone sealant in layers with a thickness of more than 15 mm get in touch with our application engineering department. Storage and/or transportation of products at increased temperature/air humidity for a prolonged period of time (several weeks) may result in a reduction of storage life and/or changes of characteristics of the product.

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### Priming table

Glass	+
Tiles	+
Pinewood	-
Concrete, wet ground	-
Concrete, smooth according to formwork	-
Steel DC 04	+
Hot dip galvanised steel	-
High grade steel	-
Zinc	-
Aluminium	+
Aluminium AlMg1	+
Aluminium AlCuMg1	+
Aluminium 6016	+
Aluminium anodised	+
Brass MS 63 Hardness F 37	-
Rigid PVC Kömadur ES	-
PVC plasticised	RP 100
PC Makrolon Makroform 099	-
Polyacryl PMMA XT 20070 Röhm	WP 40
Polystyrene PS Iroplast	WP 40
ABS Metzoplast ABS 7 H	WP 40
PET	+
PU cut-back quality	+
Copper	-
Polycarbonate	WP 40
PMMA Röhm sanitary quality	+



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Mirrors	-
Natural stone	-

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**Legend:**      +      = adheres      well      without      a      primer  
                 -      = not suitable  
                 WP/RP = Ramsauer primer

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This table is based on adhesion tests with test solids of Rocholl corporation under laboratory conditions. Under field conditions the adhesion characteristics are dependent on a variety of external factors (weather, impurities, burdens, etc.). Therefore this table serves for guidance only and does not constitute any binding statement. For more information get in touch with our application engineering department.

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#### **Safety advice**

Refer to our current EC Data Sheet. Data sheets are available at any time on our website **[www.ramsauer.at](http://www.ramsauer.at)**.

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#### **Liability for defects**

The information provided including but not limited to the proposals for processing and using our products are based on our knowledge and experience, usually at the time of going into print. The results of work may deviate from this information depending on the specific circumstances, in particular with respect to substrates, processing and environmental conditions. Therefore, neither this information nor any oral counselling shall constitute warranty or give rise to any liability on whatever legal ground for any specific result of work, unless we acted intentionally or by gross negligence. Ramsauer warrants that its products will have the technical characteristics according to the Technical Data Sheets up to their expiry date. Product users must consult the latest data sheet which is available upon request. Our current General Terms and Conditions apply which are available for download on our website **[www.ramsauer.at](http://www.ramsauer.at)** at any time.