



RAMSAUER®
DICHTSTOFFE

1045 Spiegel

Klebeband

(Adhesive tape for mirrors)

TECHNICAL DATA

Cover: Polyethylene foil, yellow

Carrier: Polyethylene foam, anthracite

Adhesive: pure acrylate

Processing temperature: +18°C to +35°C

Temperature range: -40°C to +95°C

Thickness: 1.0 mm

Width: 20mm

Shear strength: on steel basically in accordance with DIN EN 1943, Edition 1996, at +23°C +/- 2°C: 40N/625mm²

Peel strength: on steel basically in accordance with DIN EN 1939, Edition 1996, at +23°C +/- 2°C: 23N/25 mm²

Storage life: 24 months in a dry place

Packaging: rolls of 50 lineal metres, 15 rolls per carton



CHARACTERISTICS

This double-sided foam tape serves for mounting and durable fixing of various materials on virtually any smooth or slightly uneven substrate. The tape offers maximum resistance to aging, UV light, weathering, and plasticizers. The carrier foam remains permanently elastic. Thanks to its high initial tack the product provides a secure bond immediately after application. Maximum final strength is achieved approx. 24 hours after

application. The tape absorbs vibration and has a balancing effect when joining parts with a different coefficient of expansion. Ramsauer 1045 Adhesive Tape for Mirrors behaves inertly towards a wide range of different mirror coatings and is recommended by leading mirror manufacturers.

APPLICATION

Installation of mirrors in the manufacture of bedroom furniture, living room, sanitary and wardrobe furniture

Installation of PVC glazing bars

Mounting of small equipment and hooks onto tiles and smooth walls

Installation of cable ducts

PREPARATION OF THE SUBSTRATE

The surfaces of the parts to be joined must be dry and clean. Avoid moisture deposits on the surfaces to be bonded (e.g. when bringing cold objects into warmer rooms). The parts to be joined must be free from dust, grease, oil, and parting

agents. Remove or solidify any loose paints or coats. For cleaning the surfaces use only clean cloth and solvents compatible with the respective materials such as benzene, alcohol, esters or ketones.

PROCESSING

The joints must be designed in such a way that there is no lever action (load on the joint). Shear loads and tensile loads must be distributed across the entire bonding surface. Permanent peel stress adversely affects permanently elastic bonds (e.g. signboards, nameplates etc. to be mounted onto curved surfaces must be pre-formed adequately). Avoid tension at the ends of the parts to be joined. High contact pressure enhances contact over the full surface. The contact

pressure (approx. 10–15 N/cm²) is applied by means of a pressure roller or surface press.

Take into account the Technical Guidelines of the Glazier's Trade (*Technische Richtlinien des Glaserhandwerks*) No. 11 Mounting of Mirrors (*Montage von Spiegeln*) when using this product. As of the date of publication of this data sheet these guidelines are available in German only.

HAZARD ADVICE

The product is not a hazardous substance within the meaning of the German Hazardous Substances Ordinance (*Gefahrstoffverordnung*). For further information refer to the Safety Data Sheet.

SAFETY ADVICE, INSTRUCTIONS FOR DISPOSAL

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Consult the current EC Safety Data Sheet which is available at any time on our website at www.ramsauer.at.

LIABILITY FOR DEFECTS

The information provided including but not limited to the proposals for processing and using our products is 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.



QUALITY YOU CAN RELY ON

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