



**RAMSAUER®**  
**DICHTSTOFFE**

# 1097 ANSCHLUSSBAND UNIVERSAL DUO (Connection tape)

## TECHNICAL DATA

Basis: high-quality polymer membrane with nonwoven coating layer on both sides

Temperature resistance -40°C to + 80°C

Application temperature: recommended + 5°C to +35°C, possible from -10°C

UV-/weather-resistance: 3 months

sd-value: + approx. 0.1 - 6.6 m depending on ambient humidity, basically in accordance with DIN EN ISO 12572

Fire behaviour: Classification E, normal flammability acc. to DIN EN 13501-1

Maximum tensile force: longitudinal: approx. 600N/50mm  
transversal: approx. 100N/50mm, DIN EN 12311-2A

Elongation: longitudinal: approx. 30%,  
transversal: approx. 150%, DIN EN 12311-2A

Air-tightness: air-tight, DIN 4108-7

Water pressure proof - driving rain proof: >200cm water column DIN EN 20811

Colour: beige

Width: 70 mm und 100mm

Width of adhesive strip : split full-surface adhesive coat, and 2 cm adhesive strips on the back side.

Storage life: 12 months in a dry place

Packaging: 40 lineal metre rolls; 70mm width 5 rolls in a carton; 100mm width 3 rolls in a carton.



## CHARACTERISTICS

The connection tape ANSCHLUSSBAND UNIVERSAL DUO 1097 is a special membrane for fast and secure sealing of connection joints in windows and external doors in accordance with the recommendations for the installation of windows and doors of the certifying body "RAL Gütegemeinschaft. Thanks to its special design ANSCHLUSSBAND UNIVERSAL DUO 1097 is stretchable crosswise and therefore capable of adjusting to the movement of buildings in the best way possible. This directional flexibility ensures permanent sealing of connection joints.

ANSCHLUSSBAND UNIVERSAL DUO 1097 permits connection joints to cure towards inside or outside depending on the weather conditions since the water vapour permeability behaviour of the connection tape adjusts variably and flexibly to the building physics characteristics of the structure, and

thus ensures optimum curing of the connection joint. ANSCHLUSSBAND UNIVERSAL DUO 1097 can be used for both indoor and outdoor sealing without permitting the penetration of humidity into the joint. The product meets the requirements of Austrian standard ÖNORM B 5320. The full-surface self-adhesive underside of the tape is coated with a high tack adhesive. This adhesive provides a highly aggressive tack permitting application even at very low temperatures. The split cover foil on this adhesive coat makes application particularly easy, simple and time saving. ANSCHLUSSBAND UNIVERSAL DUO 1097 can be plastered over and covered with paint coats and remains totally invisible after installation.

## PRODUCT ADVANTAGES

- The same tape for indoor and outdoor insulation of the connection joint – no risk of confusion, secure planning, storage requirements reduced by half
- Various versions to fit any conditions of installation
- Optimum curing of the connection joint
- Thanks to transverse elongation/flexibility the movement of the building structure can be accommodated
- Therefore, the joint is permanently sealed
- The tape can be plastered over and covered with paint coats
- The window surface will not be polluted by liquid adhesives
- The product does not contain any solvents
- Perfectly compatible with acrylic glass and polycarbonate
- High adhesive force of the fastening strip on any and all types of window frames
- Full-surface adhesive underside of the tape with split cover foil permitting convenient application, coated with high tack adhesive
- Perfect handling and optimum application thanks to soft and adaptable material in various versions with or without self-adhesive strip to meet the specific requirements of different building sites



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- No additional adhesive required, permitting convenient and time-saving application

- Particularly suitable for the installation of wooden windows

#### **PREPARATION OF THE SUBSTRATE**

The adherent surfaces must be smooth, dry, and free from oil, grease and dust, and must be internally solid and stable. A smooth trowel finish must be applied to the reveal before applying Ramsauer ANSCHLUSSBAND UNIVERSAL DUO 1097. When working at low temperatures make sure that all adherent surfaces are completely free from frost and ice.

Applying a primer coat may be necessary in preparing the substrate, e.g. for the purpose of solidifying sandy substrates. The initial tack is reduced when the product is used at temperatures of 0 to -10°C. Application at these temperatures is certainly possible; however, a high final strength will be achieved only after a prolonged contact period.

#### **PROCESSING**

Unwind ANSCHLUSSBAND UNIVERSAL DUO 1097 from the roll and cut to an overlength of at least 5 cm. Remove the cover foil from the self-adhesive strip and carefully press the fastening strip against the window element. Proceed in the same way on all sides of the window which are to be sealed. Subsequently align and fasten the window element. At this stage, the void between window and wall can be filled with an adequate quantity of insulating material. Remove the split

protective foil from the full-surface adhesive coat as required and carefully glue the tape onto the substrate. Make sure that the tapes overlap at the corners. Optimum initial tack will be achieved by using a roller to increase contact pressure. The side of the tape covered with a nonwoven layer can be plastered over with commercially available mortar or covered with a coat of dispersion paint for the building industry.

#### **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**

Consult the current EC Safety Data Sheet which is available at any time on our website at [www.ramsauer.at](http://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](http://www.ramsauer.at).



### **QUALITY YOU CAN RELY ON**

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