

TEROSON TA ALU

August 21

Full-surface self-adhesive, vapor-impermeable butyl-rubber sealing tape laminated on one side with a special aluminium composite strip

PROPERTIES

- Self-adhesive over its entire surface
- Immediately water-, driving rain- and airtight
- 100 % vapor-impermeable, sd value > 1500 m
- Perfectly pierce-proof
- Highly resistant to initial tear and tear propagation
- Resistant to weathering and ageing (UV-resistant)
- Bitumen-compatible

POSSIBLE USES

- As a sealing tape in air-conditioning & ventilation systems, conservatory construction, aluminum and metal construction (parapet copings, window connections, post-and-beam constructions) and indoors for sealing the wall/foundation area
- As a vapor barrier
- For indoor and outdoor applications

SUBSTRATE PREPARATION

Clean the substrate before fixing the sealing tape. The areas to be sealed must be load-bearing, sound and free from dust, release agents, oil, grease, sintered layers and other substances that may impair adhesion.

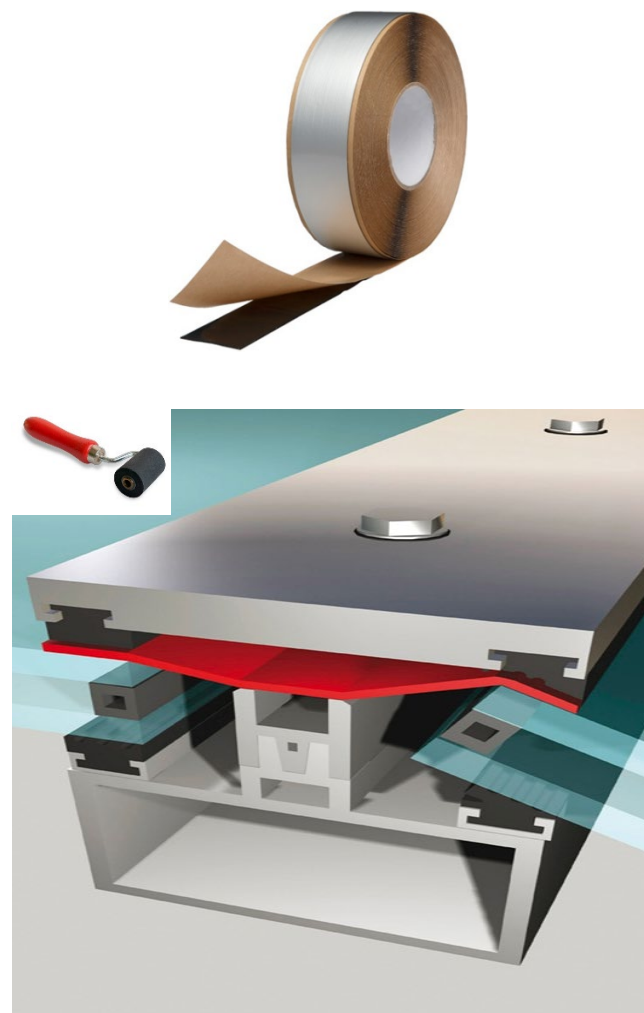
TEROSON TA ALU adheres without primer on smooth, non-absorbent substrates, e.g. aluminum, sheet zinc, polyester, glass, acrylic glass (plexiglass), polycarbonate (Makrolon longlife), bituminous roofing membranes, ECB, EPDM, PIB, CR and others.

Absorbent, mineral substrates must be pretreated with a TEROSON priming coat. Particularly suitable for this purpose is TEROSON PR Primer M+S.

When sealing PVC roofing membranes, it is necessary to apply a plasticizer barrier. With other plastic materials, please contact our advisory service or carry out your own tests

APPLICATION

After removing the release film, press TEROSON TA ALU firmly down to the substrate using a hard rubber roller. Make sure to fix the tape in such a way that no capillary water can be absorbed and air pockets are avoided.



Especially in overlapping and edge areas, press the strips firmly down with the TEROSON hard rubber roller. The overlap width of adjoining strips should be approx. 50 mm. Additional mechanical fastening of TEROSON sealing tapes is generally not required.

CLEANING

Residues of the butyl-rubber compound can be removed with cleaning solvent.

TECHNICAL DATA

TEROSON TA ALU

Material base:	Cross-laminated aluminum composite tape with a butyl-rubber adhesive compound
Color:	Silver (satin matt)
Sealing tape thickness:	0.9 – 1.1 mm
Watertightness: (DIN EN 1928)	4 bar / 72 h \pm 40 mW
Sd-value (DIN EN ISO 12572):	> 1500 m
Resistance to air permeability: (DIN EN 12114)	provided
Tensile strength in N/50 mm: (MD & TD / DIN EN 12310-1)	180 / 215
Tear resistance in N: (MD & TD / DIN EN 12310-1)	90 / 100
Dimensional stability in %: (MD & TD / DIN EN 1107-2)	Ca. -0,2/ \pm 0
Temperature resistance:	-30 °C to +80 °C
Application temperature:	-5 °C to +40 °C
UV resistance: (DIN EN 13589-2)	provided
Bitumen compatibility:	provided
Roll dimensions:	28 m long 25 m long
	40, 50, 60, 75 mm wide / 0.9 mm 100, 150, 180 mm wide / 1.1 mm

STORAGE

Rolls of TEROSON TA ALU must be transported and stored in an upright position. Before use, the rolls must be protected from pressure, heat and moisture.

Shelf life: \geq 24 months

DISPOSAL

The outer cartons of TEROSON TA ALU are disposed of at a wastepaper collection point or at municipal waste collection points. Residues of the tape must be disposed of as industrial waste / construction site waste.

European Waste Code (EWC): 080410

Apart from the information given in this Technical Data Sheet it is also important to observe the relevant guidelines and regulations of various organizations and trade associations as well as the applicable national standards. All data given was obtained at an ambient and material temperature of +23°C and 50% relative humidity unless specified otherwise. Please note that in other climatic conditions hardening may be accelerated or delayed and take the resulting consequences into account.

The above information, in particular proposals for the handling, application and use of our products, is based on our knowledge and experience. As materials and conditions may vary with each intended application and thus are beyond our influence, we strongly recommend that in each case the user conducts sufficient tests to ensure our products are suitable for the intended application method and use. Legal liability cannot be accepted, either based on the content of this data sheet or any verbal advice given, unless there is evidence of carelessness or gross negligence on the manufacturer's part. This Technical Data Sheet supersedes all previous issues.

Please refer to our Safety Data Sheet for hazard warnings, safety advice and information on transport labelling.