SIMSON®

ADHESIVES AND SEALANTS



BatuBand

Product

Simson BatuBand is a self adhesive 1.5 mm thick bituminous sealing strip provided with an aluminium foil. The aluminium foil lining has an enhanced surface quality, is UV resistant and has good mechanical wearing properties. The sealing compound consists of bituminous elastomers and high quality adhesive resins. This mass is protected by a siliconised release paper.

Applications

- Sealing garrets, roof lights and north lights.
- Protection of parapets, fascia and roof edges.
- Sealing outlets.
- Sealing seams between (prefab)elements, connections between door- and window (mounting) frames and walls.
- Repair of lead flashing, gutters and down pipes.
- Repair of bituminous roof covering.

Features

- Excellent resistance against water ingress, UV-radiation, outside temperatures and air pollution.
- Easy handling, even at lower temperatures.
- High adhesive strength.
- Very flexible, permanent form stability.
- Excellent adhesion to bitumen.
- Good adhesion to metals (lead, aluminium, copper, zinc, steel) to glass and various synthetic materials such as ABS and u-PVC.

Method of use

Substrates: Substrates must be solid, clean, dry, dust- and grease free. Rust and loose paint should be removed with a steel brush. Metal substrates can be degreased first with Simson Cleaner 14. Very rough and irregular surfaces must be smoothened with Simson ElastoRoof. Porous substrates should be pre-treated with Simson Primer BatuBand. Consult the instructions on the packing regarding the drying time.
Application temperature: +5°C to +40°C. When applying the tape at extremely low temperatures it is possible to carefully heat up the coating material with a blow torch or a hot air blower. In such a case all necessary safety precautions must be taken.
Application: The foil will remain smooth if during unrolling the release liner is removed at the same time. In the same action apply the sealing strip directly in place. BatuBand can also be cut to the required length in advance and the release liner can be removed just before application. The initial tack is high, correction is almost impossible. Do not use pieces which are too long. Overlaps should be a minimum of 5 cm. Press the whole surface firmly by hand, with a cloth or roller. Avoid the enclosure of air bubbles. If they do occur push them to the sides.

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Remarks
A soft round shaped backing foam should be used in joints. The backing foam should stick out of the joint. Then apply BatuBand over the joint. BatuBand can now move without tension in case of substrate movements. Do not cover BatuBand with mortar nor pour concrete over it. Do not apply BatuBand during rain or frost. Not suitable for plasticizer containing PVC.

Technical data

Basic material	with synthetic rubber modified bitumen	
UV resistance	good	
Temperature resistance	-30°C till +80°C	
Corrosion resistance	good	
Weight	approx. 1.85 kg/m²	
Total thickness	1.5 mm	
Thickness of the adhesive mass	1.2 mm	
Thickness of the foil	0.3 mm	
Softening point	> 95°C	(DIN 52011)
Cold flexibility	< -40°C	(DIN 52123)
Adhesion on steel	38 N/mm²	(ISO 4624)
Roll length	10 meters	

Colour	Width	Article code
grey (lead colour)	5 cm	140100
grey (lead colour)	7.5 cm	140101
grey (lead colour)	10 cm	140102
grey (lead colour)	15 cm	140103
grey (lead colour)	22.5 cm	140104
grey (lead colour)	30 cm	140105
aluminium	5 cm	140060
aluminium	7.5 cm	140061
aluminium	10 cm	140062
aluminium	15 cm	140063
aluminium	22.5 cm	140064
aluminium	30 cm	140065

Storage stability
Store away from direct sun light in original packaging in a dry place between +5°C and +30°C.
Store the rolls standing on edges. Though the properties of the rolls remain unchanged during a long period of time, it is advised to apply the rolls within 12 months from date of production.

Further information
The following publication is available on request:
- Material Safety Data Sheets (MSDS)

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