

MOOSFLEX is a copper strip that helps remove moss from roofs with no added chemicals. The **Moosflex** strip has embossed spherical caps and can thus be easily bent to follow the respective roof contour at the intended place of installation. The butyl rubber bands that are firmly secured to the underside have a high adhesive strength to hold the copper strip on almost all types of substrates; they are non-hardening and generally temperature resistant.



Technical data:

Thickness of the copper strip	approx. 0.1 mm
Type of adhesive bands	Butyl rubber adhesive
Release liner	Tear-proof, siliconized plastic film
Temperature range	- 30 °C to + 85 °C
Processing temperature	+ 5 °C to + 35 °C
Width	210 mm
Roll length	5 m
Surface preparation	The substrate must be dry and free from dust, dirt, oil and grease; apply a butyl primer beforehand (this must be entirely dry before the next steps can be carried out)
Accessories	Butyl Primer approx. 30 ml / running metre (containers of 1000 ml and 5 l) SikaBond-T1+ approx. 35 ml / running metre (cartridges of 300 ml)
Expansion	approx. 12 %

Processing:

MOOSFLEX has to be installed so that no water can get under the copper strip and attack the butyl adhesive!
The substrate must be dry and free from grease and dust and must be primed prior to the installation of the **MOOSFLEX** system. Stir the butyl primer well, apply to the substrate and allow to dry. Lay a bead (approx. 10 cm long, \varnothing 8 mm) of the SikaBond-T1+ adhesive on top of the roof tile wave every 25 to 30 cm to support bonding. Unroll the **MOOSFLEX** strip and bend to match the roof contour. Pull off the release liner and press the adhesive bands onto the roof tiles (use a pressure roller). **Moosflex** can be joined together. Attach the **MOOSFLEX** strips so that they butt in a valley. Always seal the ends and joints with SikaBond-T1+. **Moosflex** should not be installed at temperatures below +5 °C or on moist substrates. After installing **MOOSFLEX**, the copper strip should be cleaned of any grease residues from production and manual installation.

Attention:

Copper in a dissolved form reacts with other metals and may attack zinc or aluminium sheet metal components. **MOOSFLEX** may thus only be used on roofs with copper flashings or copper gutters (Delta zinc guttering paint or a similar product may also be applied to metal parts and roof gutters as required). Copper salts may cause changes in colour on roof claddings with coloured coatings / slipware tiles.

MOOSFLEX should not be installed at temperatures below +5 °C or on moist substrates. **MOOSFLEX** gets its effect from the chemical properties of the copper ions released by rain water. **MOOSFLEX** may need a longer time to stop the growth of moss, algae and lichens because its effect depends on the amount of moss on the roof, the slope of the roof, the amount of rain water and the components dissolved in the rain water.

Storage

36 months from the date of manufacture in the sealed original container at a maximum temperature of 30 °C. If the rolls are stored at a temperature above 30 °C, it may be difficult to withdraw the silicone release liner from the adhesive band.

Special information:

We provide this information to the best of our knowledge based on results obtained in practice and trials that were carried out in our company. This information is not binding and does not warrant any characteristics within the meaning of BGH court rulings (BGH – German Federal Court of Justice). This information reflects the knowledge available on the date of publication and is subject to change.

Since our products are suitable for a wide range of applications, we recommend that you use original materials to thoroughly test the product in question to make sure that it fits the purpose before releasing it for further processing. Our application technology department will be happy to offer advice and support on all matters.

All of our products are subjected to strict quality control procedures. This technical data sheet replaces all previous versions and is valid until a new version is published or 31.12.2022 at the latest. Please ask for the new valid version as of 01.01.2023.

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