

# PRODUCT DATA SHEET

## Sika® MultiSeal AP

### Bituminous sealing tape

#### DESCRIPTION

Sika® MultiSeal AP is a self-adhesive, rubber modified bituminous sealing tape laminated with an aluminium foil on the upper side.

#### USES

Sika® MultiSeal AP is designed for sealing and repairing applications against water ingress in:

- Roofs including sheet metal work
- Facades
- Broken roof tiles
- Leaking roof gutters
- Chimneys and roof lights
- Caravans and trailers
- Office containers
- Various types of ductwork

#### CHARACTERISTICS / ADVANTAGES

- Very easy to apply
- Good adhesion to many substrates
- Weather proof
- Self-adhering
- Compatible with bituminous substrates
- Can be over-painted
- Can be applied at low temperatures

#### PRODUCT INFORMATION

<b>Chemical base</b>	Rubber modified bituminous tape		
<b>Packaging</b>	<b>Length per roll</b>	<b>Tape width</b>	<b>Rolls per box</b>
	3 m	100 mm	12
	10 m	100 mm	3
Note: Other sizes available on request subject to minimum order quantity.			
<b>Shelf life</b>	24 months from date of production		
<b>Storage conditions</b>	The product must be stored properly in undamaged, original, sealed packaging in dry and cool conditions, protected from direct sunlight at temperature between +5 °C and +25 °C.		
<b>Appearance / Colour</b>	Matt grey, Terracotta		
<b>Thickness</b>	1.1 mm approx.		

#### TECHNICAL INFORMATION

<b>Tensile strength</b>	≥ 130 N/25 mm	(ASTM D1000)
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Elongation at break  $\geq 80\%$  (ASTM D1000)

Service temperature  $-20\text{ }^{\circ}\text{C}$  to  $+80\text{ }^{\circ}\text{C}$

## APPLICATION INFORMATION

Ambient air temperature  $+5\text{ }^{\circ}\text{C}$  min. /  $+45\text{ }^{\circ}\text{C}$  max.

Substrate temperature  $+5\text{ }^{\circ}\text{C}$  min. /  $+45\text{ }^{\circ}\text{C}$  max. Min.  $3\text{ }^{\circ}\text{C}$  above dew point temperature

## BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

## ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

## APPLICATION INSTRUCTIONS

### SUBSTRATE QUALITY

The substrate must be stable, clean, dry and free of all contaminants such as dirt, oil, grease, cement laitance, old sealants and poorly bonded paint coatings which could affect adhesion of the adhesive / sealant. The substrate must be of sufficient strength to manage with the stresses induced by the tape during movement.

### SUBSTRATE PREPARATION

Prepare the substrate by removal techniques such as wire brushing, grinding, sanding or other suitable mechanical tools. All dust, loose and friable material must be completely removed from all surfaces before application of any activators, primers or tapes. Sika® MultiSeal AP generally has strong adhesion without primers/activators to most dry, clean and sound substrates. For optimum adhesion, the following procedure shall be followed:

#### Non porous substrates:

Metals, plastics, coated surfaces and glazed tiles have to be cleaned and pre-treated with Sika® Aktivator-205 by using a clean towel. Before sealing allow a flash-off time  $> 15\text{ min}$  (max. 6 hours).

#### Porous substrates:

Concrete, aerated concrete and cementitious plasters, mortars, brick, etc. have to be primed with a bituminous primer (e.g. SikaShield® Primer) by using a brush. Before applying Sika® MultiSeal AP allow a flash-off time  $> 1\text{ hour}$ .

## APPLICATION

#### Important:

The adhesion performance can be improved by heating up the Sika® MultiSeal AP tape during application.

#### Important:

Do not use Sika® MultiSeal AP on natural stone.

#### Important:

Do not overpaint the tape with solvent-based paints.

#### Important:

Direct contact with joint sealants and adhesive must be avoided or compatibility must be tested prior to application.

#### Important:

On porous substrates, water infiltration underneath the tape is possible which may affect adhesion.

#### Important:

Do not use Sika® MultiSeal AP for joints under water pressure or for permanent water immersion.

#### Important:

Not suitable for overhead application when service temperatures are  $> +25\text{ }^{\circ}\text{C}$ .

1. Cut the tape to the required length.
2. Remove the release film and press the tape firmly onto the substrate with a suitable roller.

Note: For overlapping,  $\geq 5\text{ cm}$  is required. The upper side of Sika® MultiSeal AP can be over-painted with most conventional paint systems.

## LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

## LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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### Product Data Sheet

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