

SINTEF confirms that

## Mataki Halotex Master Tape and Mataki Halotex Flex Tape

has been found to be fit for use in Norway and to meet the provisions regarding product documentation given in the regulation relating to the marketing of products for construction works (DOK) and regulations on technical requirements for building works (TEK), with the properties, fields of application and conditions for use as stated in this document



### 1. Holder of the approval

Nordic Waterproofing AS  
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### 2. Product description

Mataki Halotex Master Tape is a single-sided adhesive tape with acrylic adhesive, an UV-stabilised polyethylene foil and silicone paper as liner. Mataki Halotex Master Tape is black with yellow print and is delivered on rolls with width 60 mm and 100 mm, and a length of 25 m.

Mataki Halotex Flex Tape is a single-sided adhesive tape with acrylic adhesive, an UV-stabilised polyethylene foil and silicone paper as liner. Mataki Halotex Flex Tape is green with white print and is delivered on rolls with width 60 mm and a length of 25 m.

### 3. Fields of application

Mataki Halotex Master Tape is used to seal overlapping joints and penetrations as well as repairing rifts in Mataki Halotex RS10 used as combined roofing underlay and wind barrier. An example for the application is shown in fig. 1.

Mataki Halotex Flex Tape is used to seal overlapping joints and penetrations as well as repairing rifts in the vapour barrier of polyethylene, PE. An example for the application is shown in fig. 2.

### 4. Properties

#### Adhesion

Mataki Halotex Master Tape used on the wind barrier layer has satisfactory adhesion to the surface of painted and untreated wood, galvanized and stainless steel, painted and anodized aluminium and Mataki Halotex RS10.

Mataki Halotex Flex Tape used on the vapour barrier layer has satisfactory adhesion to the surface of untreated and painted wood and vapour barrier of PE-foil.

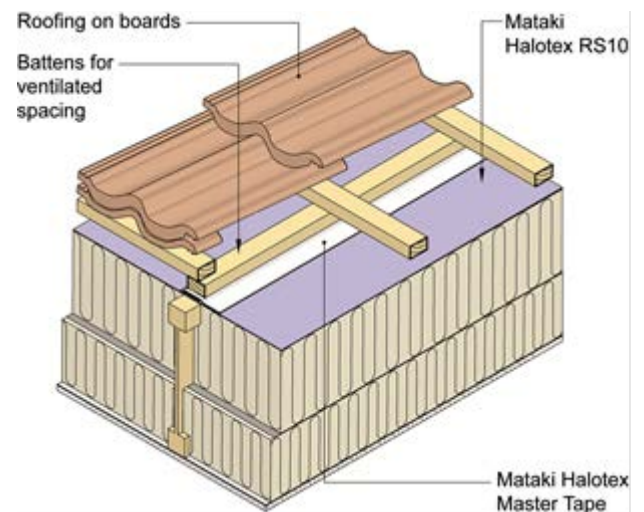


Fig. 1  
Mataki Halotex Master Tape used to seal overlapping joints on Mataki Halotex RS10 roofing underlay.

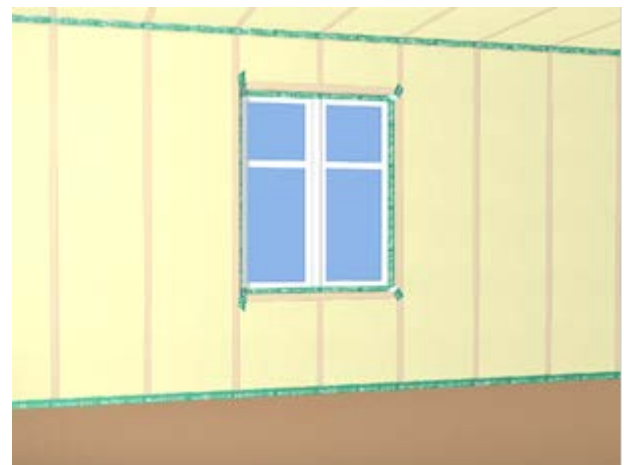


Fig. 2  
Mataki Halotex Flex Tape used to seal joints in vapour barrier of PE-foil.

SINTEF is the Norwegian member of European Organisation for Technical Assessment, EOTA, and European Union of Agrément, UEAtc

### *Durability*

Mataki Halotex Master Tape and Mataki Halotex Flex Tape are considered to have satisfactory durability based on results from testing of adhesive properties as well as tensile strength and elongation before and after artificial ageing in the laboratory.

Artificial aging for Mataki Halotex Master Tape used on the wind barrier layer is performed with 2 weeks (14 days) exposure in a climate simulator (NT Build 495) followed by 24 weeks (168 days) of aging in a heat chamber at 70 °C (EN 1296).

Artificial ageing for Mataki Halotex Flex Tape used on the vapour barrier layer is performed with 48 hours UV/heat ageing according to EN 1297 (without water spraying), followed by 12 weeks (84 days) of aging in a heat chamber at 70 °C (EN 1296).

### **5. Environmental aspects**

#### *Substances hazardous to health and environment*

Mataki Halotex Master Tape and Mataki Halotex Flex Tape contains no hazardous substances with priority in quantities that pose any increased risk for human health and environment. Chemicals with priority include CMR, PBT or vPvB substances.

#### *Effect on indoor environment*

Mataki Halotex Master Tape and Mataki Halotex Flex Tape is not regarded as emitting any particles, gases or radiation that have a perceptible impact on the indoor climate, or to have any significant impact on health.

#### *Waste treatment/recycling*

Mataki Halotex Master Tape and Mataki Halotex Flex Tape shall be sorted as residual waste on the building/demolition site. The product shall be delivered to an authorized waste treatment plant for energy recovery.

#### *Environmental declaration*

No environmental declaration (EPD) has been worked out for Mataki Halotex Master Tape and Mataki Halotex Flex Tape.

### **6. Special conditions for use and installation**

#### *Design considerations*

Mataki Halotex Master Tape and Mataki Halotex Flex Tape should be used on substrates where the adhesion properties are documented with satisfactory results.

### *Installation*

All surfaces of the substrates must be dry, clean and free of dust, oil and grease prior to application of Mataki Halotex Master Tape and Mataki Halotex Flex Tape. There must be no tension in the adhesive surface after assembly. The tapes cannot be used to join subjects where the adhesive surface is exposed to continuous strain.

### **7. Factory production control**

Mataki Halotex Master Tape and Mataki Halotex Flex Tape are produced in Germany for Nordic Waterproofing AS.

The holder of the approval is responsible for the factory production control in order to ensure that Mataki Halotex Master Tape and Mataki Halotex Flex Tape is produced in accordance with the preconditions applying to this approval.

The manufacturing of Mataki Halotex Master Tape and Mataki Halotex Flex Tape is subject to continuous surveillance of the factory production control in accordance with the contract regarding SINTEF Technical Approval.

The manufacturer has a quality management system that is certified pursuant to EN ISO 9001.

### **8. Basis for the approval**

The evaluation of Mataki Halotex Master Tape and Mataki Halotex Flex Tape is based on reports the holder of the approval is authorized to use.

### **9. Marking**

Each tape roll is packed separately in welded foil. The package contains an instruction leaflet that describes the field of application and special conditions for use and installation.

Each tape roll is marked with the charge number. In addition is each parcel marked with the field of application and special conditions for use and installation.

The approval mark for SINTEF Technical Approval TG 20531 may also be used.

### **10. Liability**

The holder/manufacturer has sole product responsibility according to existing law. Claims resulting from the use of the product cannot be brought against SINTEF beyond the provisions of Norwegian Standard NS 8402.

for SINTEF



Hans Boye Skogstad  
Approval Manager