

SINTEF Technical Approval

TG 20827



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Revised:
Amended:
Valid until 01.07.2028
Provided listed on
www.sintefcertification.no

SINTEF confirms that

Astorseal Foiltape UV

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

ASTORPLAST Klebetechnik GmbH
Limesweg 19
D-73553 Alfdorf
www.astorplast.de

2. Product description

Astorseal Foiltape UV is a single-sided adhesive tape with 260 g/m² ± 10 g/m² UV-acrylate adhesive, UV-stabilised special foil and silicone paper as liner. The tape is delivered with customized width with at least 50 mm, and a length of 25 m.

3. Fields of application

Astorseal Foiltape UV is used to seal overlapping joints and penetrations as well as repairing rifts in vapour barrier of polyethylene, PE, as well as Matakhi Halotex RS10 for the use as a combined wind barrier and roofing underlay.

4. Properties

Adhesion

Astorseal Foiltape UV used on the wind and vapour barrier layer has satisfactory adhesion to the surface of painted and untreated wood, galvanized and stainless steel, painted and anodized aluminium, PVC, PE-foil and Matakhi Halotex RS10. Astorseal Foiltape UV also has satisfactory adhesion to the surface of indoor and outdoor gypsum board with cardboard surface and porous fibreboard impregnated with bitumen provided that the tape adheres well during installation.

Durability

Astorseal Foiltape UV is 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 Astorseal Foiltape UV has been 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) on all substrates.

5. Environmental aspects

Chemicals hazardous to health and environment

Astorseal Foiltape UV 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

Astorseal Foiltape UV is evaluated according to SINTEF Technical Approval – Health and Environmental Requirements version 09.05.2022. The product 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. The product meets the requirements in BREEAM-NOR v6.0, Emissions from building products according to Hea 02 Indoor air quality.

Waste treatment/recycling

Astorseal Foiltape UV shall be sorted as residual waste. The product shall be delivered to an authorized waste treatment plant for energy recycling.

Environmental declaration

No environmental declaration (EPD) has been worked out for Astorseal Foiltape UV.

6. Special conditions for use and installation

Design considerations

Astorseal Foiltape UV 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 Astorseal Foiltape UV.

There must be no tension in the adhesive surface after assembly. The tapes cannot be used to joint subjects where the adhesive surface is exposed to continuous strain.

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

SINTEF Certification

www.sintefcertification.no

e-mail: certification@sintef.no

Contact, SINTEF: Jan Ove Busklein

Author: Malin Hope Risvold

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Entreprise register: NO 919 303 808 MVA

7. Factory production control

Astorseal Foiltape UV is produced by ASTORPLAST Klebetechnik GmbH, Limesweg 19, D-73553 Alfdorf, Germany.

The holder of the approval is responsible for the factory production control in order to ensure that Astorseal Foiltape UV is produced in accordance with the preconditions applying to this approval.

The manufacturing of Astorseal Foiltape UV and the manufacturer's system for factory production control (FPC) is subject to continuous surveillance 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 Astorseal Foiltape UV is based on reports owned by the holder of the approval or to which the owner has rights.

9. Marking

Customized marking with at least product name, owner of the approval and production date. The marking is applied either visible inside the roll or on the packaging unit.

The approval mark for SINTEF Technical Approval TG 20827 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



Susanne Skjervø
Approval Manager