

Windstopper Tape

Datasheet - Build Board Accessories

Product Description

Windstopper Tape is a self-adhered, waterproof flashing tape. This product has a unique acrylic pressure sensitive adhesive that aggressively sticks and stays stuck both at lower and higher application temperatures than traditional flashing tapes.

Intended Use

Sealing joints of Swisspearl's Windstopper products for rain and air tightness.

Key Features

Proprietary Film backing seals around joints to prevent moisture intrusion.
 Can be applied to materials without primers or staples and bonds.
 Tough backing resists punctures and tears during application.
 High tack adhesive sticks and stays stuck to most common building materials.
 Adhesive provides an unusual combination of both cold and hot temperature adhesion to most substrates, which can extend the construction season in many climates.
 No adhesive melting or staining in summer heat.
 Unique backing is thin to fit conveniently into corners and under siding.
 Can be installed at temperatures above 5 °C.
 Resists UV exposure up to 12 months.
 Compatible with many building sealants: No adverse reaction with synthetic rubber, butyl, polyurethane, silicone and silane terminated hybrid sealants.

Physical Properties

Tape Colour	Beige
Tape Thickness (Film, Adhesive)(ASTM D-3652)	0,3 to 0,33 mm
Backing	LDPE Film, 2 years UV-stable ¹ , reinforced with scrim
Release Liner	Silicone-coated paper, brown
Adhesive Type	Acrylic dispersion
Roll Length	25 m
Rolls per box	12
Tape weight g/m ²	240

Performance Characteristics

Adhesion to Polished Steel

90° peel @room temp, 24 hr dwell, jaw speed 300mm/min (ASTM D-3330) 2,696 N/mm

Adhesion Polyethylene

90° peel @room temp, 24 hr dwell, jaw speed 300mm/min (ASTM D-3330) 0,78 N/mm

www.swisspearl.com

Please visit the local website for contact details and further information.

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Tensile Properties

Longitudinal	500 %
Transverse (acc. to EN 12311-, 100 mm/min)	500 %

Thermal Shock Resistance

-20 °C up to 60 °C Ift Richtlinie MO-01/1 (4.3)	77,5 N/25mm
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Dynamic Shear Strength to different substrates

(acc. to EN 12311-, 5 mm/min)	0,074 N/mm
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Water Vapour Permeability (sd value)

(EN ISO 12572 : 2001-06) (A)	14 m
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Application Temperature Performance

- 30 °C up to +100 °C

Processing Temperature

> 5 °C

Application Handling

To obtain the best adhesion, Windstopper Tape can be installed when outdoor temperatures are above 5 °C over clean and dry surfaces that are free from dirt and debris and other contaminations like grease and unbonded surface treatment. Surfaces should be free of any damages and sharp protrusions or voids.

To apply, peel back the paper from the sticky side of the tape. It is important to ensure the tape stick well to the substrate by applying sufficient pressure along the entire surface and the edges to ensure a continuous seal and to eliminate trapping air beneath the tape. A roller or scraper can be used to ensure this.

Warning:

The paper release liner is slippery and should not be walked on at any time. Discard the paper release liner in a designated container.

UV Durability

Maximum time for which the tape is allowed to be exposed to sunlight is 12 months.

Storage & Shelf Life

Stored at < 20 °C and 50 % relative humidity in its original box. The product can be stored up to 24 months after production.

Note: Product shall not be exposed to UV radiation during storage
