DECKFIX

Technical Datasheet

WIND TAPE

Waterproof And Airtight Tape For Lapping

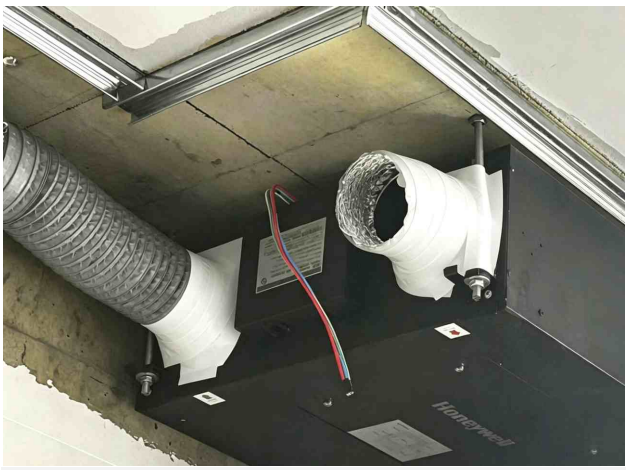
PRODUCT DESCRIPTION

WIND TAPE is a high-performance waterproof and airtight overlapping tape specially engineered for sealing various lap joints and penetration openings. It delivers exceptional adhesion and excellent elasticity. Constructed by laminating high-performance polyolefin film, solvent-free acrylic pressure-sensitive adhesive, diagonal polyester fibre grid and double-sided silicone-coated release liner, the tape ensures consistent reliable sealing performance over long-term service. Its unique composite formulation endows the product with outstanding adhesion, durability and extensibility, suited for dependable sealing of all lap joints and penetrations within building airtightness systems.

Benefiting from the adhesive's unique bonding strength and excellent extensibility, the tape reliably seals a wide range of substrates including various membranes, rigid plastics, metals, smooth solid wood and wood-based panels. It accommodates deformation and structural movement of the base construction to deliver long-lasting, dependable airtight sealing.

PRODUCT APPLICATIONS

WIND TAPE waterproof and airtight tape suitable for sealing all types of lap joints and structural penetrations. While securing sealed connections, it delivers multi-functional protection including airtightness, waterproofing and vapor barrier performance; it can also be used for repairing minor damages.



Use WIND TAPE adhesive tape for sealing of circular pipes

Use WIND TAPE to seal overlap ping joints.

PRODUCT ADVANTAGES

- Resists driving rain and wind, prevent water vapor penetration and energy loss.
- Subsequent construction work can commence promptly after application, delivering high work efficiency with low susceptibility to weather conditions.
- The pressure-sensitive adhesive features outstanding ageing resistance, resistance to water whitening, superior adhesion and low-temperature applicability, enabling sound compatibility and durable bonding with all common construction substrates.
- Excellent extensibility accommodates structural movement of buildings to guarantee water and air tightness.
- German GEV issued EC1environmental certification.
- Certified to ISO 9001, ISO 14001 and ISO 45001.

TECHNICAL DATA

I.Typical Values

No.	Properties	Test Method	Typical Values
1	Total thickness, mm	EN 1849-2	0.27
2	Adhesive coating weight per unit area	EN 1849-2	200
3	Tensile strength, N/m	ISO 29864	1800
4	Break elongation, %	ISO 29864	400
5	Sd value, m	ASTM E96（Method B）	40
6	180°peel strength of mirror steel plate, N/m	ISO 29862	1400
7	Loop Tack, N/25mm	ASTM D6195	40

II.Other Technical Description

1	Material	Polymer composite materials and special adhesive
2	Colour	White
3	Compatibility with others	Suitable for common construction materials including various waterproof membranes, rigid plastics, metals, smooth solid wood and engineered wood panels.
4	Ageing resistance	High and lasting adhesive strength. It contains no raw rubber, resin or solvent, and has the properties of anti-drying and anti-embrittlement. It can reliably absorb structural movements for a long time.
5	Water whitening resistance	In contact with water or in a humid environment, the adhesive film can effectively resist the penetration of water molecules, maintain a transparent and uniform state for a long time, and show no obvious whitening or swelling phenomena.
6	Temperature resistance	-40℃～+90℃
7	Application temperature	Above -10℃
8	Storage temperature	0℃～+30℃
9	Storage life	The debris can be treated as general household waste without special treatment.
10	Safety and health tips	Though according to the relevant industry regulations, it is not a dangerous substance, it is not recommended to directly stick it to any part of the body besides the fingers.

PREPARATION AND PROCESSING

Prior to formal construction, it is advised to perform preliminary verification tests to confirm the product complies with specific application conditions. The construction procedures below take sealing of overlapped sections of interior-side vapour control layers as an example for reference purposes only.

Prior to adhesive sealing, ensure the surfaces of bonded membranes are dry, dust-free, grease-free and free of any adhesive-repellent contaminants; the membranes shall be laid flat and secured without tension or wrinkles. During application, remove the release liner first, apply the tape onto overlapped membrane joints free of tension, shear or peel stress, and roll firmly with a rubber roller to achieve airtight sealing at membrane overlaps.

DIMENSIONS AND PACKAGING

The following are standard specifications. Customization of product width and length is available to meet client requirements. For further information, please consult our team.

Product Name	Width	Length / Roll	Rolls / Carton
WIND TAPE	60 mm	25 m	10
	100 mm	25 m	6
	150 mm	25 m	4

The information provided in this document corresponds to the information and technical details available to the best of our knowledge. However, this does not constitute a guarantee pursuant to laws and regulations of the areas where the products are used. Our processing instructions are to be considered only as general guidelines and may differ in the individual case due to the range of possible uses and applications. They do not therefore automatically exempt the user from carrying out their own tests. We reserve the right to make technical modifications and enhancements at any time.