EPDM Self-Vulcanising Flashing Tape

Standard type | Self-adhesive EPDM waterproofing tape

PRODUCT CODE WP-TAP-000003 **DOCUMENT** NB-TDS-TAP-WP-TAP-000003

01 Product description

Nexbride-Waterproof EPDM Self-Vulcanising Flashing Tape combines a formable EPDM face layer with a butyl self-adhesive layer and release film. The standard type contains no aluminium mesh reinforcement. Designed for waterproofing details and local repairs, it is installed with a compatible primer and hand pressure roller. The EPDM layer gradually self-vulcanises at ambient temperature after installation.

02 Key features

- Formable EPDM layer for corners, penetrations and three-dimensional details.
- Butyl adhesive layer for self-adhesive installation.
- Gradual self-vulcanisation after installation at ambient temperature.

03 Recommended uses

Flashing, supplementary waterproofing and local repairs in EPDM waterproofing systems, including pipe penetrations, internal and external corners, drains and transitions between horizontal and vertical surfaces.

04 Product information

Item	Specification
Material and construction	EPDM face layer / butyl adhesive / release film; single-sided adhesive; no aluminium mesh
Appearance and colour	Black; smooth surface
Nominal thickness	1.5 mm ± 0.1 mm, excluding release film
Width and length	200 mm x 20 m; width ± 2 mm; length ≥ 20 m
Packaging	4 rolls per carton

05 Technical properties

Property and test conditions	Test Method	Unit	Measured Result
Holding power	JC/T 942-2022	min	>60
Heat resistance 100 °C, 2 h	JC/T 942-2022	-	No sliding or flow
Low temperature flexibility -40 °C	JC/T 942-2022	-	No cracks
Peel strength Standard conditions	JC/T 942-2022	N/mm	0.81

Property and test conditions	Test Method	Unit	Measured Result
Peel strength after heat treatment 80 °C, 168 h	JC/T 942-2022	N/mm	0.62
Peel strength after alkali treatment Saturated Ca(OH)2 solution, 168 h	JC/T 942-2022	N/mm	0.60
Peel strength after water immersion 168 h	JC/T 942-2022	N/mm	0.61
Peel strength after artificial ageing 1000 h	JC/T 942-2022	N/mm	0.65; no cracking of the facing
Low temperature tack 5 °C, No. 32 ball	JC/T 942-2022	-	Pass

Test method: JC/T 942-2022. Treatment temperatures and durations are stated with each applicable property.

06 Application guidelines

Required accessories

Use a compatible primer (surface treatment agent) and a hand pressure roller.

Installation

1. Apply the compatible primer to the bonding surface.
2. Form the tape to the detail, remove the release film and bond the butyl adhesive side to the surface.
3. Press the tape firmly into contact using a hand pressure roller.

07 Limitations and compatibility

- Use with compatible EPDM waterproofing components and primer.

08 Storage and handling

Item	Requirement
Storage conditions	Store at room temperature in a dry place, on a level surface and away from direct sunlight. Stack flat, no more than 5 cartons high.
Protection and transport	Keep original packaging intact during transport. Prevent contact with acids, alkalis, oils and organic solutions.

09 Health and safety

Keep away from fire and open flames. Protect the product from impacts, cuts and punctures during handling.

10 Technical notes

Section 05 gives measured results for the standard type, 1.5 mm thick and 200 mm x 20 m, under the stated test conditions. These are not guaranteed minimum values. Test temperatures do not define application or service temperature ranges.