

PRINCO ALUMINIUM FOIL COATED SELF-ADHESIVE WATER INSULATION TAPES

Princo Tapes with Aluminum Foil Coating is a special waterproofing tape based on bitumen and reinforced with SBS additives. One side is coated with aluminum foil, providing resistance to heat and UV rays. The removable film on the other side offers easy handling during application. Thanks to its self-adhesive and flexible features, it can be applied easily, quickly and effectively. With these properties, it is a high-performance product that provides an excellent solution for your waterproofing needs.



Areas of Usage

On the terrace and sloped roof surfaces of all structures;



SLOPED ROOF

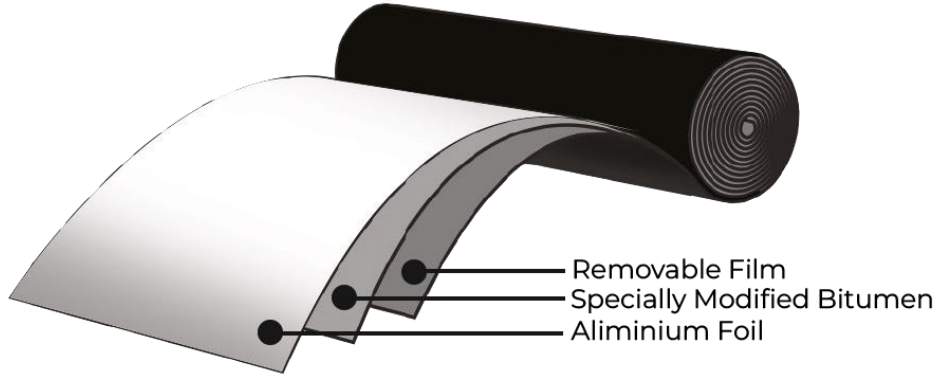


TERRACE

- On all surfaces such as wood, metal, plastic, glass, plaster, and concrete,
 - In its challenging details, such as the wall, parapet, chimney base, eaves, crown, and defensive wall,
 - In the repair of cracks that may occur in roofing panels,
 - In the insulation of areas around roof windows, etc.,
 - In the deck covering waterproofing of boats,
 - In various details for sound insulation purposes in industries such as automotive and home white appliances,
- It can be used in the economical and aesthetic solutions of many other waterproofing details.

Advantages

- It provides a perfect and effective waterproofing solution with its waterproofing properties.
- With its self-adhesive property, it provides excellent adhesion to the surface it is applied to. It is a high-performance material that offers waterproofing solutions for various surfaces such as wood, metal, plastic, glass, plaster, and reinforced concrete.
- Its flexible structure allows for easy application on sloped and curved surfaces, effortlessly conforming to the shape of the applied surface.
- With its tensile strength in both the transverse and longitudinal directions, it demonstrates more than enough elasticity required for application. It is highly resistant to structural movements and expansion differences, providing excellent durability.
- Princo Aluminium Foil Coated Tape is UV-resistant due to its colored aluminum foil coating, making it an ideal solution for applications requiring a final layer with UV resistance.
- It provides an economical and practical solution. With its self-adhesive property, it is very easy and quick to apply. It can be cut to the desired size and shape using special cutting knives.



Storage

- Bituminous tapes should be stored vertically in enclosed spaces.
- Pallets should be stored without stacking on top of each other and should be stored in a single layer.
- They should not be exposed to direct sunlight and should be protected from sudden temperature changes.

FEATURES	UNIT	TEST METHOD	PRINCO ALUMINIUM COATED TAPE
Thickness	mm(±0,2)	EN 1849-1	1,2
Roll Width	cm(±0,2)	EN 1848-1	10 – 15 – 20 – 30 – 60 – 90 - 100
Roll Length	m(±0,2)	EN 1848-1	10
Visible Defects		EN 1850-1	None
Joint Slip Resistance	N/5cm	EN 12317-1	≥300
Heat Resistance	C°	EN 1110	≥110
Cold Flexibility	C°	EN 1109	-20
Tensile Strength (Length/Width)	N/5cm	EN 12311-1	400/300
Elongation at Break (Length/Width)	%	EN 12311-1	30/30
Tear Resistance (Length/Width)	N	EN 12310-1	≥150/≥150
Static Load Resistance	kg	EN 12730	≥15
Impact Resistance	mm	EN 12691	≥1500
Dimensional Stability	%	EN 1107-1	Max. 0,6
Fire Reaction	Class	EN 13501-1	E
Top Coating			Aluminium Foil Coated
Back Coating			Removable Film

Application

- Bituminous waterproofing tapes should be applied after being kept covered at the application site for 24 hours. (Conditioning)
- Waterproofing applications with bituminous tapes should be carried out at temperatures between a minimum of +5°C and a maximum of +35°C and above, in dry weather conditions and on dry surfaces. For applications at temperatures below +15°C, the use of a heat gun is recommended.
- After the polyethylene film layer on the underside of the SimSelf Aluminium Foil Coated Tape is removed, the tape becomes ready for adhesion. The surfaces to which the waterproofing will be applied must be smooth and even, and they should be cleaned of dirt or residues such as oil, diesel, etc., that could damage the waterproofing.
- Reinforced concrete surfaces should be primed with SIM Primer and, after drying, the waterproofing membranes should be applied according to the required bonding method.



Standards / Certifications

