

# SpecialRADONTape

Thermoplastic self-adhesive tape designed for connections that do not transmit mechanical loads. Excellent adhesion to most building materials. It is self-vulcanizing with the ground. Resistant to water, humidity and atmospheric influences. Allows immediate sealing. The product is a tape covered on its entire width on one side with a layer of aluminum and on the other with butyl. The chemical base of the product is butyl rubber. The product does not contain any solvents.

This product is a part of Anti-RADON System and requires Special RADON Barrier underlay to ensure its full functionality.

## Product highlights

Flexible vapor tape with excellent adhesion to most building materials, including acrylic glass and polycarbonates. The layer of butyl binder over the entire width of the tape provides the ideal diffusion protection for gases and water vapor. Slightly stretchable and flexible - takes over building movements. Roofing of chimneys, antenna masts, roof hatches, etc. Sealing of seams, tears, crevices and leaks in gutters,

chimneys, corrugated roof coverings, roof elements, roof windows, domes, external window sills. After gluing, the tape should be protected against UV. Vapor barrier seals on the inside of the room, especially in passive and energy-saving houses. Fixing and sealing of construction films and membranes for various substrates in roofing, traditional wooden construction and frame constructions.

Overlap butyl tape parameter	Test method	Value	Unit
Length	PN-EN 1848-2	25 -0/+0,2	m
Width	PN-EN 1848-2	70 ±2,0	mm
Thickness of the butyl layer [mm]	PN-EN 1848-2	0,6 ±0,1	mm
Color	---	grey	
Density at 25°C	PN-EN ISO 1183-1	1,73 ±0,05	g/cm <sup>3</sup>
Adhesion	PN-EN 1939	≥9,0	N/10mm
Tensile strength	PN-EN 121311-3	≥2,0	Mpa
Relative elongation at break	PN-EN 121311-3	≥30	%
Diffusion resistance SD	PN-EN ISO 12572	≥1500	m
Working temperatures	---	from -40°C to +90°C	
Application temperatures	---	from +5°C to +40°C	
Resistance to weather conditions	---	minimum 3 months	

Logistic Parameter	Sales unit	Packaging	Palette
Form	Roll	Cardboard	---
Quantity	1 Pc.	1 Pc.	192 Pc.
Dimensions	70mm x 25m	18 x 16 x 8cm	4800 lm



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## General information

All data are based on our experience and careful investigations. The diversity of the materials used, as well as the different construction site and processing conditions, can not be examined or influenced by us in detail. The quality and function therefore depends on the expert site evaluation and product use. In case of doubt, carry out your own tests or seek advice on our application technology. When processing, please observe the rules of technology as well as the manufacturing specifications of the building materials involved and constantly changing state of technology.

## Storage

Approx. 1 year, protecting from direct sunlight or other weather influences.

## Application

Please follow installation manual of Special Anti-RADON System directly.

Product informations may change without notice. Please visit our webpage for updated product informations.