

Product Description

OBEX CORTEX Internal Air Seal Tape is a single-sided adhesive tape for creating airtight seals internally. The high-performance adhesive system ensures excellent tack values and adheres well to non-polar and low energy surfaces. Bonds especially well to PE foil and HDPE/PP/PE fleeces. The elastic film carrier is reinforced with PE-scrim, and therefore adheres very well to a wide variety of surfaces. It is highly heat/wrinkle resistant and guarantees an airtight seal.

The unique acrylic dispersion adhesive can maintain high performance during exposure to moisture and vapor, increasing the life expectancy of the seal, especially for construction materials subject to expansion and contraction.

Application Area

The unique adhesive properties make this tape suitable for internal use around interfaces such as windows, doors, curtain walling and other glazing elements to ensure airtightness. This tape can also be used for overlaps on various surfaces such as metal (steel, aluminium etc), flexible vapour barrier sheeting, foil faced insulation, concrete and many others.

The product meets the strict requirements of EnEV (DIN 4108-7), regarding the permanent airtight sealing of vapor barrier sheeting.

Surfaces should be clean, dry and free of dust, grease, oils and other contaminants.

Technical Data

Adhesive carrier	LDPEco film, black, reinforced with scrim
Adhesive system	Acrylic dispersion
Release liner	Silicone-coated paper, brown
Thickness, without liner	0.30-0.33 mm (EN 1942)
Peel adhesion	≥ 35 N/25mm (EN 1939)
Elongation	≥ 25 N/25mm; 300% (EN 14410)
Processing temperature	+5°C recommended, processable from -10°C
Temperature resistance	-30 °C to +100 °C
Tack	Excellent
Condensation water resistance	High
Aging resistance	2 Years UV resistance (exposed)
Reaction to fire	Class E (EN 13501-1)
Airtightness	<0.1m ³ (EN 12114)
Weather Resistance	600 Pa (EN 1027)

Product Description

25m per roll
75mm wide – 16 rolls / box
100mm wide – 12 rolls / box
150mm wide – 8 rolls / box

Application Area

Store in original packaging at temperatures between +5°C – 25°C
Shelf life – 1 year when stored in the above conditions.

Important Notes

- This product can only be used on non-relevant buildings with regards to Regulation 7 in Approved Document B.