

Gerband 586 Air Tightness Tape

Gerband 586 hermetic is a pliable and stretchable PE-film sealing tape with moisture-resistant polyacrylate adhesive of extremely high tack and permanent adhesion as well as outstanding ageing resistance.

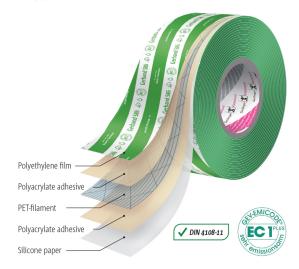
The PET reinforcement helps preventing over expansion of the adhesive tape.

Application

- Gerband 586 hermetic is used indoors for the air-tight bonding and sealing of penetrations and overlaps of wind and vapor barriers according to BS 9250.
- Surfaces must be stable, dry, free of grease and dust, and may not contain adhesive-repellent coating.
- We recommend bonding to surfaces such as smooth or slightly rough PE webs and non-waxed kraft paper. Aluminum sheeting, PP fleece, and wooden sheathing (e.g. oriented strand boards) may also be used.
- For bonding MDF boards we recommend preconditioning the surfaces with Gerband Primer 6300.
- Gerband 586 may also be used in non-visible areas of building components and also on impact resistant plastics (pipes, windows), wood or metal.



Available in various sizes 50mm to 150mm



Typical Applications:

Gerband 586 is ideal for bonding to a vast range of substrates, including steel, timber, masonry, plastics and membranes. Used indoors for the formation of airtight construction details.

Technical Data

Backing	polyethylene film, UV-stabilized, with
Ducking	PET-filament reinforcement
Thickness, backing	0.08 mm
Total thickness (DIN EN 1942)*	0.34 (without release liner)
Tensile strength (DIN EN 14410)*	> 50 N / 25mm
Elongation at breake (DIN EN 14410)*	150% to 200%
Release liner	silicone paper
Rype of adhesive	polyacrylate adhesive
Adhesion (EIN EN 1939)*	> 30 N / 25 mm
Tack	very hight
Shear strength	medium
Moisture resistance (GPM 812)	permanent resistance
Temperature range	-40 °C to +80 °C
Application temperature	-10 °C to $+40$ °C, recommended at $>+5$ °C
Roll Length	25m
Roll Width	50, 60, 75, 100, 150mm

Ireland / Passive House Systems P31 W950, Ballincollig, Cork, Irelan tel. (+353) 021 487 2664 www.passivehousesystems.ie

UK / Passive House Systems CM16 6th, Epping, Essex, UK tel. (+44) 0333 880 2347 www.passivehousesystems.co.ul Passive House Systems products are used by a very diverse customer base for a wide range of technical and industrial applications. The demands made on our products vary considerably from application to application. We strongly advise users to test the products suitability for their own particular requirement. All data and recommendations contained in this Technical Datasheet are based on our own test results and practical experience and are aimed at helping customers select the appropriate product. This information is provided without liabiolity. We reseve the right to change the technical specification without prior notice. Samples are available free of charge, our sales team are available to help support all technical specifications for our products.