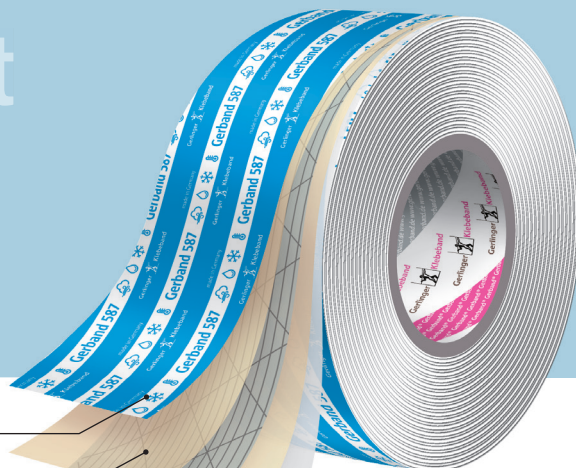


Technical Data Sheet

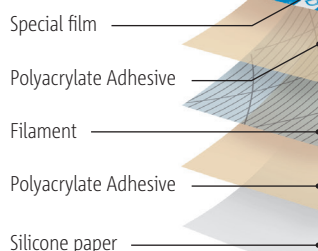
Gerband 587

Special film tape for roof lining membranes



Gerband 587 is a soft and very pliant specialty film adhesive tape with an extremely tacky polyacrylic pressure-sensitive adhesive – especially at very cold temperatures. It also features very good heat and ageing resistance.

Gerband 587 is used for outdoor bonding of popular roofing underlayments and façade membranes with closed and slightly rough surfaces. The finished bonded joint has to be behind a completely closed sheathing. In addition, Gerband 587 bonds strongly to wood, non-sanding bricks, and clean concrete surfaces which are free of adhesion-repellant substances. Gerband 587 is also used to repair damage and fissures of the aforementioned membranes.



Product description

Carrier

- Special film
- Filament protection against overexpansion
- Very pliant, also at frost
- Temperature-stable until +120 °C
- UV resistant about 12 months during direct solar radiation

Adhesive

- Polyacrylate adhesive
- Extremely high initial and permanent adhesion
- Good adhesive characteristics especially at low temperatures
- Very high tack
- Very good ageing resistance

Release liner

- Silicone paper

Special features

- Permanent resistant against moisture
- Especially low-emission, EC1 plus

Colour

- White

Applications

- Use on the cold side of the construction
- Bonding and sealing of overlaps, joints, and penetrations of permeable and non-permeable roofing underlayments on steep roofs (classes USB-A, USB-B and UDB-A, UDB-B, UDB-C) as well as of facade membranes behind closed cladding
- Repairing roofing underlayments and facade membranes

Technical data

Total thickness (DIN EN 1942)*	0.33 mm
Tensile strength (DIN EN ISO 29864)*	≥ 50 N/25 mm
Elongation at break (DIN EN ISO 29864)	20 %
Adhesion (DIN EN ISO 29862)*	≥ 25 N/25 mm
Temperature range	-30 °C to +120 °C
Moisture resistance (GPM 812)	permanent resistant
Core diameter	76.5 mm

*according to the respective DIN

Application notes

- Application temperature: adhesive tape +5 °C to +40 °C; surface/material -10 °C to +40 °C
- Store in dry rooms from +5 °C to +25 °C, protected from UV-radiation

Gerband 587 has to be bonded to surfaces which are dry, free of release agents as fats, oils, tensides, dirt, and dust. Porous and sanding surfaces have to be thoroughly treated with a suitable primer – e.g. Gerband Primer 6300 or Gerband Primer 6310 – before applying the tape.

All popular roofing underlayments which comply to DIN EN13859-1:2014 are suitable for bonding with Gerband 587. In case of non-woven materials bonding tests are necessary due to the adhesive agents within the non-woven material and its structure.

The instructions of the ZVDH need to be considered.

Smooth and slightly rough airtightness membranes which comply to the requirements of the DIN EN 13984:2013 and DIN 4108 – e.g. polyethylene (PE) and polyamide (PA) films, laminated films, aluminium and aluminium composite films, smooth polyurethane (PU) surfaces as well as other non-woven composites – are also suitable for bonding with Gerband 587. Gerband 587 is not suitable for bonding under mechanical loads.

Apply the tape stress-free and thoroughly firm down the bonding. Higher pressure intensifies the adhesion.

It is necessary to test the compatibility of Gerband 587 to rubber and plastics due to the possibility that they contain adhesion-impeding substances. For reasons of safety, it is generally necessary to test the adhesion of the tape on the chosen membrane prior to the application.

Packaging unit

Roll length	25 m			
Roll width mm	50	60	75	100
Rolls per carton	12	10	8	6

Different packaging units available upon request

Further technical data about Gerband 587 available upon request.

Subject to change without notice in line with product advancements.

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