# PRODUCT DATA SHEET

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## WINJOINT BAND

### DESCRIPTION OF THE PRODUCT

Waterproof joint-sealing tape designed for use with **WINGRIP® BITUMINOSO**, **BOND CEMENT**, **WINGUM PLUS® $H_2O$**, **ONE®**, and the full range of liquid waterproofing membranes and polymer-modified cementitious coatings.
The tape consists of a thermoplastic copolymer strip reinforced wit non-woven fabric (TNT). It offers ease of use, complete water impermeability, good elasticity, high elongation capacity, and excellent adhesion thanks to the non-woven backing and perforated side strip.

### FIELDS OF USE

**WINJOINT BAND** is used for connecting adjacent joint surfaces in structures or prefabricated elements subjected to thermal or dynamic movements.
It is also suitable for covering structural cracks and construction joints exposed to positive hydrostatic pressure.
For joints wider than 1 cm, **WINJOINT BAND** should be used as part of the joint waterproofing system together with **WINJOINT SEAL** and **WINJOINT FOAM**.

### SURFACE PREPARATION

Thoroughly clean the substrate to remove dust, loose particles, and any contaminants or release agents. On metal surfaces, remove all paint residues and oxidation.
For powdery or friable substrates, it is recommended to apply a preliminary coat of **WINFIX CONCRETE**.
Joints to be sealed must be free of cracks or damage. For joint repairs (e.g., joist joints), prime the damaged area with **UNIBAR FORMULA** and fill the joint with **UNIBAR SCREED**. Once fully cured, the joint can be cut again as needed.

### RECOMMENDATIONS

Do not use under negative hydrostatic pressure.
Do not expose to UV rays for more than 10 days.

### WARNINGS

Terminal ends of the joint-sealing tape must overlap by 5 cm, using WINSEAL exclusively as the adhesive. For additional information, please contact our technical laboratory.


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## APPLICATION

Pre-apply the appropriate product on the substrate surfaces laterally to the joint, extending beyond the width of the joint cover, while leaving the central area free.
Apply the joint sealing tape by pressing the lateral perforated strips “wet-on-wet” onto the pre-treated surface. Depending on the specifications, either fully cover the joint or leave it exposed.
For transverse movements, install the joint-sealing tape in an omega-shaped configuration.
At joint intersections, stop the application of **WINJOINT BAND** perpendicular to the slope direction and close to the central waterproof strip.
Resume application beyond the intersecting strip to prevent transverse movements from causing defects in the overlapping sections of the tape.

## BONDING OF OVERLAPPING AREAS

**Head-to-head junction:**

1. Lay the tapes as usual, ensuring they adhere to the substrate with **WINSEAL**
2. At the junction of the tapes, provide an overlap of at least 5 cm.
3. Keep the overlap flap open using adhesive tape so that **WINSEAL** can be applied evenly to both pieces before joining.

## PACKAGING

Rolls of 50 m length

## STORAGE

Store the product in a cool, dry place, protecting it from direct sunlight and heat sources.


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## SAFETY INSTRUCTIONS

### PRECAUTIONS

For safety information, the user must refer to the latest Safety Data Sheet (SDS), prepared in accordance with applicable regulations. The SDS contains detailed information on the physical, toxicological, and safety characteristics of the product.

### DISPOSAL AND ENVIRONMENTAL PRECAUTIONS

Do not release the product or empty containers into the environment. For detailed disposal instructions, refer to the most recent Safety Data

## TECHNICAL FEATURES

| FEATURES | RESULT |
|---|---|
| Description | Coated mesh strip with excellent transverse extension and high longitudinal toughness |
| Material composition | Support: polymeric mesh<br>Cover: thermoplastic elastomer, resistant to time |
| Colour | blue |
| Total width | 120 mm |
| Total thickness (approx.) | 0.6 mm |
| Weight (approx.) | 50 g/m |
| Temperature resistance | -20°C to +90°C |
| Roll length | 50 m |



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## PHYSICAL FEATURES

| FEATURES | STANDARD | RESULT |
|---|---|---|
| Burst pressure | Self-test | >4.0 bar |
| Longitudinal breaking load | DIN EN ISO 527-3 | 155 N/ 15 mm |
| Lateral breaking load | DIN EN ISO 527-3 | 63 N/ 15 mm |
| Longitudinal extension at break | DIN EN ISO 527-3 | 33 % |
| Lateral extension at break | DIN EN ISO 527-3 | 138 % |
| Absorbed force at 25% of lateral elasticity | DIN EN ISO 527-3 | 1.5 N/mm |
| Absorbed force at 50% of lateral elasticity | DIN EN ISO 527-3 | 2.0 N/mm |
| Resistance to water pressure (1.5 bar) | DIN EN 1928 (version B) | >1.5 bar |
| UV Resistance | DIN EN ISO 4892-2 | 500 h |
| Elongation at break | Self-test | >60 % |
| Elongation load | Self-test | >150 N/ 5 cm |
| Max. initial opening of joint:<br>- 3 cm<br>- 5 cm | Self-test | 5.44 / mL<br>6.55 / mL |



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## CHEMICAL FEATURES

Resistance after immersion for more than 7 days at room temperature in the following chemicals

Legend:
+ = resistant
0 = weakened
- = weakened

| CHEMICAL | CONCENTRATION | TEST METHOD | RESULT |
|---|---|---|---|
| Hydrochloric acid | 35 % | Self-test | + |
| Sulphuric acid | 35% | Self-test | + |
| Citric acid | 100 g/L | Self-test | + |
| Lactic acid | 5 % | Self-test | + |
| Potassium hydroxide | 3 %/20 % | Self-test | + /0 |
| Sodium hypochlorite | 0.3 g/L | Self-test | + |
| Salt water (sea salt water) | 20 g/L | Self-test | + |

Product complies with the requirements of Directive 2003/52/EC

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