

Aquastop EJ150

High-performance FPO waterproofing tape for expansion joints and construction joints.

Aquastop EJ150 is a flexible polyolefin (FPO) waterproofing tape, engineered for expansion joints and construction joints in demanding environments.

This tape provides watertightness and resilience to high movement areas, suitable for both interior and exterior applications with various substrates.



1. **High flexibility:** accommodates significant movement, ensuring continuous waterproofing in critical areas.
2. **Temperature resistance:** operates effectively in extreme temperatures from -30 °C to +90 °C.
3. **Durable composition:** resistant to a wide range of chemicals including acids, alkalis, and saltwater.
4. **UV-resistant** to maintain performance and durability in outdoor applications.
5. **Fusible technology:** compatible with hot-air welders for secure jointing, enhancing waterproof reliability.

Areas of application

→ Use

Applicable for both internal and external expansion joints in commercial, industrial, and residential buildings.

Substrates: suitable for installation on concrete, brickwork, wood, and metal when used with appropriate adhesives.

→ Specific applications

- Waterproofing expansion joints in floors and walls.
- Critical movement joints in foundations, balconies, terraces, and parking decks.
- Structures with significant or frequent thermal movement, such as external facades, basement walls, and rooftops.

Instructions for use

→ Preparation of surfaces

Clean the surfaces thoroughly to remove dust, oil, and loose particles. Ensure surfaces are smooth and dry before application.

For optimal adhesion, roughen or sand the surfaces to be joined, particularly when bonding to non-porous substrates.

→ Tape application

Positioning: unroll Aquastop EJ150 and cut it to the required length, allowing some excess for adjustments.

Adhesive application: apply a suitable adhesive to the substrate along the joint line. Spread evenly with a notched trowel to ensure full coverage.

Tape placement: position Aquastop EJ150 on the adhesive, pressing firmly to ensure full contact. For best results, use a roller to smooth the tape and remove any air bubbles.

→ Heat welding (optional for joint sealing)

If additional joint sealing is required, use a hot-air welder (recommended at 340 °C or higher) to fuse overlapping sections of the tape. Only the surface should melt to ensure a watertight bond. Avoid excessive heating to prevent damage to the tape or underlying adhesive.

→ Final adjustment and inspection

Check all edges to ensure complete adhesion and seamless coverage. Press down any loose sections and reapply adhesive if necessary.

Protect the installed membrane from heavy traffic or equipment that could damage the surface.

Special notes

→ Temperature range: suitable for use in environments from -30 °C to +90 °C. Avoid excessive loading or heavy traffic immediately after installation.

→ Chemical resistance: Aquastop EJ150 is resistant to many chemicals, including acids, bases, and salt water, making it ideal for challenging environments.

→ Storage recommendations: store in original packaging in a cool, dry area. Protect from sunlight and moisture to maintain product quality.

Technical Data compliant with Kerakoll Quality Standard		
Thickness	1 mm (± 0.1 mm)	
Width	150 mm - 200 mm (± 2 mm)	
Total weight	930 g/m² (± 50 g/m²)	
Roll length	20 m (- 0,0 m/+1%)	

Performance		
HIGH-TECH		
Tensile strength:		
- longitudinal	≥ 12.5 N/mm²	EN 12311 – 2: 2013
- transverse	≥ 12.5 N/mm²	EN 12311 – 2: 2013
Elongation at break:		
- longitudinal	≥ 600 %	EN 12311 – 2: 2013
- transverse	≥ 650 %	EN 12311 – 2: 2013
Tear resistance:		
- longitudinal	100 N	EN 12310-2: 2019
- transverse	90 N	EN 12310-2: 2019
Shore A hardness	≈ 87	ASTM D 2240-2015
Bonding strength	> 2.5 Mpa	DIN EN 1348
Watertightness:		
- at 60 kPa for 24 hrs	no leakage	EN 1928: 2000 Method A
- at 400 kPa for 72 hrs	no leakage	EN 1928: 2000 Method B

Warning

- Product for professional use
→ abide by any standards and national regulations
→ if necessary, ask for the safety data sheet
- for any other issues, contact Kerakoll Customer
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info@kerakollindia.com

The Rating classifications refer to the GreenBuilding Rating Manual 2013. This information was last updated in April 2025; please note that additions and/or amendments may be made over time by KERAKOLL SpA; for the latest version, see www.kerakoll.com. KERAKOLL SpA shall therefore be liable for the validity, accuracy and updating of information provided only when taken directly from its institutional website. The technical data sheet given here is based on our technical and practical knowledge. As it is not possible for us to directly check the conditions in your building site and the execution of the work, this information represents general indications that do not bind Kerakoll in any way. Therefore, it is advisable to perform a preliminary test to verify the suitability of the product for your purposes.