

Flexstrip

High-performance self-adhesive butyl rubber sealing strip for waterproofing non-structural joints



Drykos® **Flexstrip 80-150** is a high-performance self-adhesive sealing tape consisting of a butyl rubber-based adhesive compound bonded to a polypropylene non-woven fleece, which enhances anchoring and compatibility with bonding and coating systems. The product is protected by an “easy peel” silicone-coated film, enabling simple, rapid, and precise application even under complex operating conditions.

Drykos® **Flexstrip 80-150** has been designed for sealing joints between floors and walls on substrates such as brick, concrete blocks, plaster, or drywall, ensuring continuity of seal and long-term reliability. It can also be used for sealing and joining most materials commonly used in construction, both smooth and absorbent.

The surface fleece enables the tape to adhere effectively even near joints and discontinuities, facilitating integration with adhesives and leveling compounds. The product is compatible with the most common cementitious and non-cementitious adhesives, making it particularly suitable for applications under wood, marble, and ceramic coverings. Thanks to its high initial and permanent adhesion, Drykos® **Flexstrip 80-150** ensures reliable performance even at low temperatures and on materials such as concrete, plastic, glass, steel, polycarbonate, and wood.

Its conformability and ease of handling make it particularly suitable for applications in confined or difficult-to-access spaces where effective and durable sealing is required.

The product is available in two different widths, 80 mm and 150 mm, to be selected according to the size of the joint or surface to be treated.

CHARACTERISTICS

Main characteristics

- High initial and permanent adhesion on smooth and absorbent substrates
- High-performance butyl rubber-based compound, flexible and durable
- Non-woven fleece that promotes anchoring and compatibility with waterproofing coatings, adhesives, and leveling compounds
- Easy and quick to apply, even in confined spaces
- Compatible with waterproofing coatings and cementitious and non-cementitious adhesives
- Maintains performance even at low temperatures
- Ensures continuous and reliable joint sealing
- Ideal as a sealing layer under coverings

Fields of use

- Sealing of joints between floors and walls
- Joining and sealing of concrete, brick, plaster, and drywall elements
- Sealing under wood, marble, and ceramic coverings
- Applications on smooth and non-absorbent substrates such as glass, steel, plastic, and polycarbonate
- Sealing applications in interior and exterior environments
- Applications in civil and industrial settings



SPECIFICHE TECNICHE

Packaging

W 80 mm - 15 m roll -
Thickness ~ 1 mm

W 150 mm - 25 m roll -
Thickness ~ 1 mm

Color

White and gray.

Shelf life

12 months from production date.

Storage conditions

Store the product in its original, intact, and unopened packaging in a dry, well-ventilated environment protected from direct sunlight, at a temperature between +5°C and +40°C. Prolonged exposure to temperatures above +50°C may make removal of the silicone-coated protective film more difficult during installation. The product is not affected by frost; any low temperatures do not compromise its functional characteristics, provided it is brought to application conditions before use.

APPLICATION DATA

Theoretical consumption

1 meter per linear meter

Application temperature

Minimum +0°C | Maximum +40°C

APPLICATION INFO

Substrate preparation

Surfaces intended for installation of Drykos® **Flexstrip 80-150** must be dry, clean, and free of dust, oils, greases, loose residues, or other impurities that could compromise tape adhesion.

At temperatures between 0°C and +5°C, it is necessary to verify the absence of condensation, frost, or ice on the substrate, as such conditions could significantly reduce the adhesive capacity of the product.

On particularly porous or dusty substrates, it is recommended to proceed with adequate surface stabilization or consolidation to ensure proper tape adhesion over time.

Installation of Drykos® **Flexstrip 80-150** does not require the use of specific tools; however, the use of a roller or pressure pad is recommended to optimize contact between the tape and the substrate.



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Application

Cut Drykos® **Flexstrip 80-150** to the required length or prepare the element in the required shape. Remove the silicone-coated protective film covering the adhesive surface and position the tape or square in the designated location. Apply by exerting uniform and continuous pressure to ensure proper contact with the substrate and avoid the formation of air bubbles.

When joining two elements, provide a minimum overlap of at least 5 cm, ensuring that the overlapping surfaces are adequately pressed to ensure sealing continuity.

To optimize adhesion, it is recommended to press the tape using a roller or cloth pad, applying constant pressure along the entire applied surface.

After installation, protect Drykos® **Flexstrip 80-150** from direct UV exposure by covering or final coating within a few months to preserve the material's performance over time.

Tool cleaning

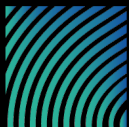
Tools are cleaned with water immediately after use.

Other indications

- Do not apply on dirty, wet, or frozen surfaces
- Avoid application on substrates subject to excessive structural movement
- Do not use as a structural sealant
- Protect the product from direct UV exposure before installing the covering
- Store in a dry and protected location until use
- For anything not covered, contact Technical Support at +39 0171 1874992 or write to info@drykos.com

TECHNICAL PERFORMANCE

Characteristic	Test method	Standard requirements	Performance
Tensile strength	EN 12311-1		Long. 115 N/50 mm Trans. 100 N/50 mm
Elongation at break	EN 12311-1		Long. 100% Trans. 100 %
Solid			100%
180° Peel Adhesion	ASTM D 1000		28 N/cm
Probe Tack	ASTM D 2979		7.9 N
Vertical slippage	ISO 7390		0 mm
Operating temperature range			-35°C / +90°C



ENVIRONMENT AND SAFETY

Safety

The product is classified as an article and, in accordance with Regulation (EC) No. 1907/2006 (REACH), does not require a Safety Data Sheet. During handling and use operations, however, the use of adequate personal protective equipment, such as gloves and safety glasses, and compliance with safety procedures established in the workplace are recommended.

Use

Product for professional use.

WARRANTIES AND LEGAL NOTES

Should the product be defective, the liability of Drykos S.r.l. shall be limited solely to its replacement. The information and instructions in this technical data sheet regarding the application and end-use of the products are provided in good faith and reflect current scientific and technical knowledge; however, they do not constitute any guarantee or assumption of liability regarding the final outcome of the work involving their use. Given the variety of operating conditions and external factors beyond the control of Drykos S.r.l. during execution, it is the user's responsibility to verify the product's suitability for the specific application, assuming all risks and liabilities. Drykos S.r.l. reserves the right to modify the properties of its products at any time. Always refer to the most recent version of the product's technical data sheet. This edition cancels and replaces all previous versions. The latest updated technical data sheets are available on our portal at www.drykos.com.



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