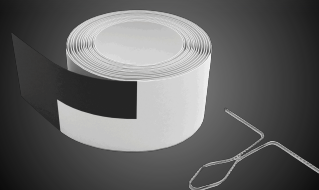


Jointsteel P

Galvanized steel waterstop, coated with adhesive butyl rubber, for waterproof sealing of horizontal construction joints



Drykos® **Jointsteel P** is a metallic waterstop system designed to ensure waterproof sealing of construction joints in water-impermeable reinforced concrete structures.

Drykos® **Jointsteel P** consists of a galvanized steel sheet, coated on both sides with special adhesive butyl rubber, protected by a release film that facilitates installation operations and ensures high adhesion to concrete.

The special flexible coating adheres intimately to the concrete, creating a continuous adhesive-type waterproof barrier that prevents water circulation along the joint.

The system is suitable for reliable sealing of construction joints and controlled cracking joints, both in cast-in-place concrete structures and in combination with precast panel walls, with reference to both horizontal joints between foundation slabs and retaining walls in elevation and vertical joints.

Drykos® **Jointsteel P** is also suitable for applications in the presence of pressurized water, ensuring hydraulic sealing of the joint up to a maximum persistent hydrostatic pressure of 2 bar, equivalent to approximately 20 m of water column.

CHARACTERISTICS

Main characteristics

- Ensures waterproof sealing of construction joints in reinforced concrete structures
- Provides high hydraulic reliability even in the presence of pressurized water up to 2 bar
- Adhesive butyl rubber coating on both sides for perfect adhesion to concrete
- High strength and durability thanks to galvanized steel sheet
- Simple and quick installation system, suitable for on-site use
- Suitable for applications in humid and potentially aggressive environments

Fields of use

- Construction joints in reinforced concrete structures
- Horizontal joints between foundation slabs and retaining walls in elevation
- Vertical joints between walls
- Underground works and earth-retaining structures
- Tanks, technical rooms, and structures subject to hydrostatic pressure
- Civil, industrial, and infrastructure works
- Structures in the presence of groundwater or pressurized water

SPECIFICHE TECNICHE

Packaging

W 160 mm - Box of 20 m +
30 fixing brackets + 4
joining clips

W 240 mm - Box of 20 m +
30 fixing brackets + 4
joining clips

Color

Steel.

Shelf life

12 months from production date.

Storage conditions

Store properly in the original packaging, sealed, intact, protected from moisture, frost, and direct sunlight exposure, at temperatures between +5°C and +30°C. At higher temperatures, the protective film may adhere excessively to the adhesive coating, causing difficulties in proper product installation.

APPLICATION DATA

Theoretical consumption

1 m per linear meter

Application temperature

Minimum -10°C | Maximum +40°C

APPLICATION INFO

Substrate preparation

Adhesive surfaces must be clean and free of contaminants (dust, dirt, oils, or other agents) that could compromise the adhesion of the hydraulic sealing device.

Product preparation

Remove the lower protective film from the special adhesive gasket and position the Drykos® **Jointsteel P** joint sheet in line with the wall in elevation, placing it on top of the upper layer of reinforcement.



DRYKOS S.r.l.

Piazza Marconi n. 7 12100 - Tarantasca (CN) - Italia

Tel. + 39 0171 1874992 | E-mail info@drykos.com | Web www.drykos.com

Last update 28/11/2025

Application

Insert the fixing brackets by sliding them over the sheet, with a maximum spacing of 70 cm, and secure them to the upper reinforcement by tying with metal wire, ensuring system stability during casting phases.

At joints, sections of Drykos® **Jointsteel P** must overlap by at least 6 cm. To this end, fold back the upper protective film in the overlap area, join the adhesive surfaces by applying uniform pressure over the entire area, and secure the joint using one of the supplied joining clips.

At corners, the sheet must be shaped following the joint profile; it is recommended to perform the bending on a sharp edge to ensure continuity of waterproof sealing.

The embedment depth in concrete must be not less than 3 cm and not more than half the height of the sheet, equal to 8 cm for 160 mm height and 12 cm for 240 mm height.

Drykos® **Jointsteel P** must form a continuous circuit without discontinuities along the entire development of the joint.

The upper protective film must remain in position as long as possible and be removed only immediately before execution of the subsequent pour.

Other indications

- The waterstop should generally be positioned at the center of the construction joint or crack control section
- The embedment depth in concrete must be not less than 30 mm
- The minimum distance between waterstop and edge of the structural element must be at least 50 mm and in any case not less than three times the maximum aggregate size
- The waterstop must be secured to the reinforcement as it must not shift or float during casting
- For proper installation of the complete waterproofing system, refer to the Drybox System® Application Protocol
- For matters not covered, contact Technical Support +39 0171 1874992 or write to info@drykos.com

TECHNICAL PERFORMANCE

Characteristic	Test method	Standard requirements	Performance
Length			20 m
Height			160 mm / 240 mm
Sheet thickness			~ 0.6 mm
Special coating thickness			~ 0.15 mm
Total thickness			~ 0.9 mm

ENVIRONMENT AND SAFETY

Safety

The product is classified as an article and, in accordance with Regulation (EC) No. 1907/2006 (REACH), does not require the preparation of a Safety Data Sheet. During handling and use, it is nonetheless recommended to use appropriate personal protective equipment, such as gloves and protective goggles, and to comply with the safety procedures established at the workplace.

Use

Product for professional use.



DRYKOS S.r.l.

Piazza Marconi n. 7 12100 - Tarantasca (CN) - Italia

Tel. + 39 0171 1874992 | E-mail info@drykos.com | Web www.drykos.com

Last update 28/11/2025

3 of 4

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.



DRYKOS S.r.l.

Piazza Marconi n. 7 12100 - Tarantasca (CN) - Italia

Tel. + 39 0171 1874992 | E-mail info@drykos.com | Web www.drykos.com

Last update 28/11/2025