

PO PVC JOINT

150/250/320/360

PVC WATERSTOP FOR EXPANSION JOINTS WITH CENTRAL BULB

PRODUCT DESCRIPTION

The DRYKOS PO PVC JOINT waterstopper is a waterproof PVC profile with a central bulb and high elasticity, designed for waterproofing structural expansion joints with internal application to concrete. It is composed of high-quality thermoplastic vinyl resins with the addition of suitable plasticizer. It exhibits high resistance to aggressive acid-alkaline solutions, aging, saltwater, and degradation caused by sunlight, ozone, and other atmospheric or chemical agents normally present in air and groundwater. It maintains high flexibility even at low temperatures, and its mechanical characteristics remain unchanged over time.

AREA OF APPLICATION

Waterproofing of structural expansion and movement joints in concrete structures, such as between slab segments, floor slabs, or between different levels of dams, tanks, hydroelectric power plants, galleries, tanks, sewage treatment plants, pipelines, bulkheads, diaphragms, civil and industrial constructions.

CONSUMPTION

1 meter of DRYKOS PO PVC JOINT per linear meter joint

APPLICATION METHOD

The DRYKOS PO PVC JOINT waterstopper is designed for internal installation during concrete pouring, and its bulb should be positioned outside of the two concrete pours.

The portion of the profile submerged in concrete must be secured to the reinforcement using appropriate steel fastening clips that attach to the profile's fins, or alternatively, it can be tied using wire to prevent displacement during the pouring phase or consolidation due to vibration.

The junction of two profiles can be achieved through hot welding using specialized accessories.

HEALTH AND SAFETY

During the application, the ground should be protected from wind and direct sunlight. The indicated consumption amount is general information and may differ due to application conditions and surface features.

Use gloves, mask, and glasses during the application. For further instructions on a safe use of the product please refer to MSDS.

STORAGE

Store the product in its original packaging in a cool, dry place away from sunlight.

WARRANTY

If the product is found to be defective, Drykos liability is limited to replacing the product itself. As Drykos has no control over the use of the product by the user, the latter must ensure that the product is suitable for the intended use, assuming all risks and responsibilities related to it.

PACKAGING

PO PVC JOINT 750 - Roll 25 m

PO PVC JOINT 250 - Roll 25 m

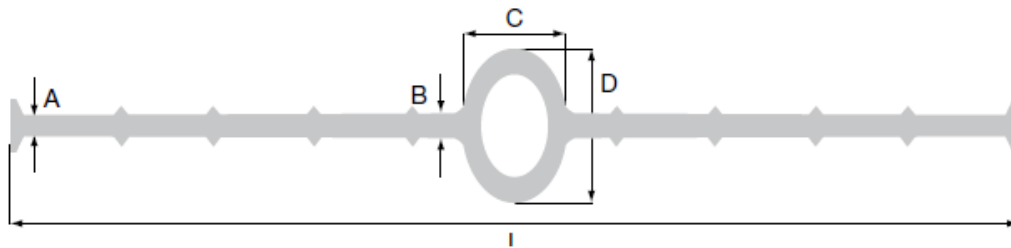
PO PVC JOINT 320 - Roll 20 m

PO PVC JOINT 360 - Roll 75 m

TECHNICAL SPECIFICATIONS

Physical-mechanical properties	Method	Unity of measure	Values
Shore A	ISO 868		73 ± 3
Specific weight	ISO 1183	g/cc	1.38 ± 0.03
Breaking load	ISO 527	N/mm ²	12 ± 2
Elongation at break	ISO 527	&	300 ± 3
Operating temperature	-	° C	-30/+70
Cold flexibility temperature	ISO 458/2	° C	-30
Flammability	UL94	Class	V-0
Oil resistance	Normal resistance in case of short-term contact, not suitable for long-term immersion. In this case it is necessary to use a specific compound.		
Test certificate	Certimac SQM_311_2020		

Colour	black
Width	150, 250, 320, 360 mm
Shelf life	unlimited
Resistance	UV
Allowed supports	concrete



Codice/Code	A	B	C	D	Larg./width	Conf./pack
PO 150 Bulbo/bulb	2,3	3,5	23	27	150	m 25
PO 250 Bulbo/bulb	2,5	4,0	25	30	250	m 25
PO 320 Bulbo/bulb	3,0	4,5	27	32	320	m 20
PO 360 Bulbo/bulb	4,0	6,4	37	45	360	m 15

PRODUCT CODES

PO PVC JOINT 150 – 606
 PO PVC JOINT 250 – 607
 PO PVC JOINT 320 – 608
 PO PVC JOINT 360 – 609

DRYKOS Srl

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