

PTB PVC JOINT

250/320

PVC WATERSTOP FOR EXPANSION JOINTS WITH CORRUGATED SHAPE FOR EXTERNAL APPLICATION

PRODUCT DESCRIPTION

The DRYKOS PTB PVC JOINT waterstopper is a waterproof PVC profile with a corrugated shape and high elasticity (non-hydroexpansive), designed for waterproofing expansion and structural joints with external application to concrete. It is made from high-quality thermoplastic vinyl resins with the addition of suitable plasticizers. It exhibits high resistance to aggressive acid-alkaline solutions, aging, saltwater, and degradation caused by sunlight, ozone, and other atmospheric or chemical agents commonly found in air and groundwater. It maintains high flexibility even at low temperatures, and its mechanical characteristics remain consistent over time.

AREA OF APPLICATION

Waterproofing of expansion, structural, and movement joints in concrete structures, including joints between foundation slabs, floor slabs, or between elevation elements of dams, tanks, hydroelectric power plants, tunnels, reservoirs, wastewater treatment plants, pipelines, bulkheads, diaphragms, and both civil and industrial constructions.

CONSUMPTION

1 meter of DRYKOS PTB PVC JOINT per linear meter joint

APPLICATION METHOD

The DRYKOS PTB PVC JOINT waterstopper is intended for external application on concrete pours, and its central bulb should be positioned outside of the two concrete placements.

The profile should be laid above the formwork, ensuring that the center of the profile aligns with the center of the expansion joint. If used in elevations or floors, it should be fixed to the formwork. The junction of two profiles can be achieved through hot welding using appropriate accessories or through adhesion.

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.

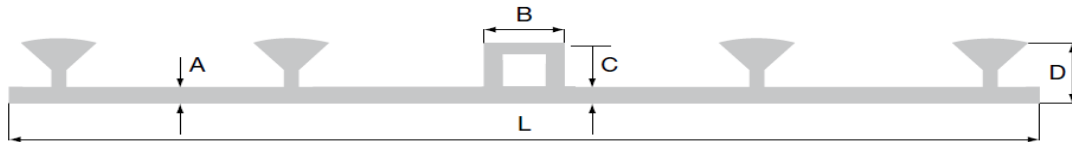
PACKAGING

PTB PVC JOINT 250 - Roll of 25 meters
PTB PVC JOINT 320 - Roll of 20 meters

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
Resistance to oil	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	nero
Width	250, 320 mm
Shelf life	Unlimited
Resistance	i UV
Allowed supports	concrete



Codice/Code	A	B	C	D	Larg. /width	Conf./pack
PTB 250 Bulbo/bulb	3,2	19	22	17	250	m 25
PTB 320 Bulbo/bulb	4,0	30	30	23	320	m 15

PRODUCT CODES

PTB PVC JOINT 250 – 604

PTB PVC JOINT 320 - 605

DRYKOS Srl

Registered office: Via Poli, 29 00187 Rome | Offices: Via San Vittore 7, 20123 Milan | Piazza Marconi 7, 12020 Tarantasca (CN) Tel: +39017118174992

Manufacturing Plant: North Industrial Area 68, Via Villafalletto, 12020 Tarantasca (CN)