

PTB V 250 PVC JOINT

**WATERSTOP IN PVC FOR JOINT RESUMPTION, INCLUDING
DYNAMIC APPLICATIONS WITH CENTRAL V-SHAPED**

PRODUCT DESCRIPTION

The DRYKOS PTB V PVC JOINT waterstopper is an impermeable PVC profile equipped with a V-shaped central bulb, characterized by high elasticity and featuring two specially designed lanes for the insertion of a hydro-expansive cord, intended for waterproofing expansion, construction joint resumption, and programmed crack joints with internal application in concrete. It is composed of high-quality thermoplastic vinyl resins with the addition of suitable plasticizers. It exhibits high resistance to aggressive acid-alkaline solutions, aging, brackish waters, and is resilient against degradation caused by sunlight, ozone, and other atmospheric or chemical agents typically present 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 joints, structural movement joints, construction joint resumption, and programmed crack joints in concrete structures, between slab elements, floor slabs, or between elevations of dams, tanks, hydroelectric plants, galleries, tanks, purification plants, pipelines, bulkheads, diaphragms, civil and industrial constructions.

CONSUMPTION

1 meter of DRYKOS PTB V PVC JOINT per linear meter joint

APPLICATION METHOD

The DRYKOS PTB V PVC JOINT waterstopper is designed for internal application during concrete casting, and its bulb should be positioned outside of the two concrete pours or within a continuous pour in the case of use for creating programmed crack joints. The part of the profile that is embedded in the concrete must be fastened to the reinforcement using appropriate steel fastening clips that attach to the profile's flanges, or alternatively, by tying with wire. This is to prevent the profile from shifting during the casting phase or due to the compaction of concrete by vibration.

The junction of two profiles can be carried out through hot welding with specific 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

PTB V PVC JOINT 250 - Roll 25 m

TECHNICAL SPECIFICATIONS

Physical-mechanical properties	Mtehod	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/mm2	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 Oils	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	250 mm
Shelf life	unlimited
Resistance	UV
Allowed support	concrete

PRODUCT CODES

PO PVC JOINT 250 – 603