



VYGEO-WATERSTOP

PVC Waterstop

DESCRIPTION

VYGEO-WATERSTOP is a flexible PVC waterstop designed to prevent water passage through construction joints and expansion joints in concrete structures.

It is embedded in concrete during casting to form a continuous physical barrier, ensuring long-term watertight performance in underground and water-retaining structures.

BENEFITS

- Provides reliable physical barrier against water penetration
- Suitable for both construction and expansion joints
- Excellent flexibility and adaptability to movement
- High tensile strength and elongation
- Durable and resistant to water and chemicals
- Easy to weld for continuous jointing
- Long service life

APPLICATIONS

- Construction joints in concrete structures
- Expansion joints
- Tunnels and underground structures
- Basements and foundations
- Water retaining structures (tanks, reservoirs)
- Dams, canals, and hydraulic structures
- Be used to define areas in compartmentalized systems or in vacuum PVC membrane system, VYGEO-WATERSTOP are welded to the waterproofing PVC membrane by applying hot air with manual welder, over the entire length and on both sides.

INSTALLATION

- Position the waterstop centrally within the joint before concrete casting
- Ensure proper alignment and secure fixing to reinforcement (using clips or ties)
- Maintain correct embedment depth on both sides
- Weld joints using heat welding to ensure continuity
- Avoid displacement during concrete pouring and vibration
- Installation must follow project specifications

STORAGE & SHELF LIFE

- Store in a cool, dry, and shaded environment
- Keep away from direct sunlight and heat sources
- Avoid deformation during storage
- Shelf life: 24 months

DIMENSIONS & PACKAGING

Parameter	Value
Length	25 m
Color	Black
Packaging	80m per box

TECHNICAL DATA

Property		Value	Test Method
Tensile strength(Mpa)		≥ 6	EN 12311-2
Elongation at break(%)		≥ 100	EN 12311-2
Tear strength(N/mm)		≥ 40	EN 12310-2
Low temperature bending(-25°C)		No crack	EN 495-5
Chemical resistance(10% Ca(OH) ₂ , 23±2°C, 168h)	Tensile strength retention rate, %	≥ 80	EN 12311-2
	Elongation retention rate, %	≥ 80	EN 12311-2

PRODUCT IMAGES

