

# Data sheet

## DRYset Injectable Waterstop

### Injectable waterstop tape for movement joints

#### DESCRIPTION

Waterstop D tapes are the solution for waterproofing movement or expansion joints. They are made of waterproof material but, by not fully adhering to the concrete, they make the joint waterproof according to the principle of lengthening the path of the water. Therefore their size is directly proportional to the pressure of the water to which the joint is exposed.

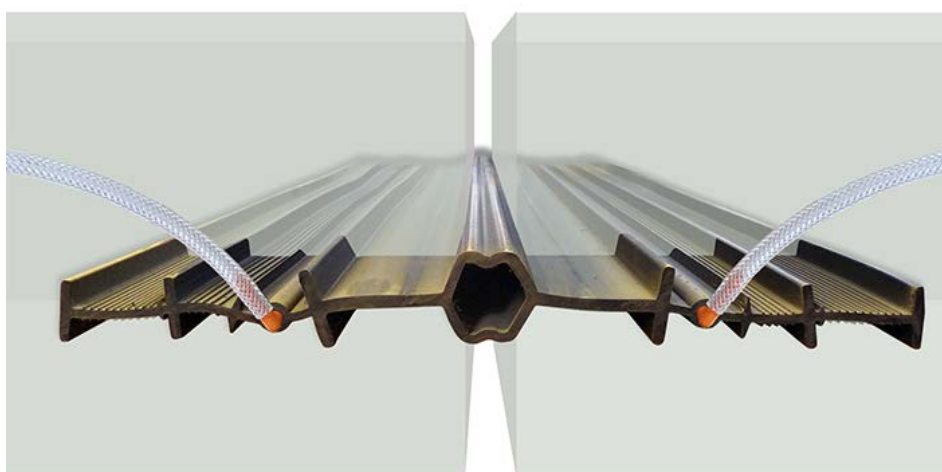
Due to their characteristics they cannot represent a solution to any porosity of the concrete.

For this Drytech has developed DRYset D injectable waterstop tapes technology, equipped with lateral injection channels which, when the concrete has matured, are injected with DRYflex resin to ensure the watertight seal of the joint.

#### TECHNICAL DATA

*Waterstop D dimensions for expansion as a function of water pressure (White Tank Guidelines)*

Pressure (bar)	Class of impermeability	Class of the waterstop band	Material	Length minimum (cm)	Thickness minimum (mm)
≤ 1 m	I <sub>0</sub>	1	PVC; NBR/PVC	24	4
			Elastomer	24	9
> 1 - ≤ 5 m	I <sub>1</sub>	2	PVC; NBR/PVC	32	5
> 5 - ≤ 10 m	I <sub>2</sub>		Elastomer	32	12
> 10 - ≤ 20 m	I <sub>3</sub>	3	PVC; NBR/PVC	50	6
> 20 m	I <sub>4</sub>		Elastomer	50	13



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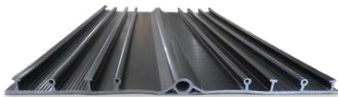
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#### WATERSTOP D INTERNAL



Type	Length	Thickness
D 24	240 mm	5 mm
D 32	320 mm	5 mm

#### WATERSTOP D EXTERNAL



Type	Length	Thickness anchors
AD 50/30/6	500 / 4 mm	30 mm

#### MATERIAL

Physical properties	Test methods	Values	Unit
Specific gravity	ISO 1183	1,53	g/cc
Hardness Sh A 15"	ISO 868	79	-
207	ISO 527	23	N/mm <sup>2</sup>
208	ISO 527	150	%
209	ISO 458/2	-18	°C