

Technical Data Sheet

StoDivers Aquastop

Pre-formed PVC waterstop



Characteristics

Area of application	<p>StoDivers Aquastop is designed for use in both water excluding and water including structure such as :-</p> <ul style="list-style-type: none"> ▪ Construction joints ▪ Reservoirs ▪ Water towers ▪ Spillways ▪ Sewage treatment plants ▪ Dams ▪ Swimming pools ▪ Culverts and tunnels ▪ Basement structures
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Properties	<p>Plasticised polyvinyl chloride extruded into a series of profiles to act as a barrier to water for most types of joints in concrete</p> <ul style="list-style-type: none"> ▪ Joints of various widths (movement and non-movement joints) ▪ Wide range of profiles for internal or surface-placed joints. ▪ Elastomeric to accommodate some thermal and shear movement ▪ Resistance to seawater, sewage and chlorinated water. ▪ Multi-ribbed with mini-dumbbells to check water passage by both valve and tortuous path restriction ▪ Easy on site welding. ▪ Preformed intersection available.
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Application method	<ul style="list-style-type: none"> ▪ Jointing of StoDivers Aquastop using heat welding equipment
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Technical Data

Criteria	Standard / test specification	Value / Unit	Notes
Solids		100 %	
Shore A Hardness		70	
Service temperature		-35 to 55 °C	
Tensile Strength		12 N/mm ²	
Elongation at Break		250 – 350 %	
Welding Temperature		200 °C	

The characteristic values stated are average values or approximate values. Due to the natural raw materials in our products, the stated values can vary slightly in the same delivery batch; this does not affect the suitability of the product for its intended use.

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Application

Product Selection	<p>As a general guide the following principles should be adhered to :</p> <ul style="list-style-type: none"> ▪ Width of waterstop should equal width of concrete section. ▪ Centre fix waterstop can be incorporated into both water including and water excluding structures. ▪ Rear-fix water stop are generally used in water excluding structures only and can be fixed in tandem with the centre fix range for added protection ▪ StoDivers Aquastop D and DF range have centre bulbs to allow a relatively high degree of thermal and or shear movement in expansion joints.
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Equipment	Heat welding equipment, jointing jigs and preformed clips are available on request.
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Application

Consumption	As per supplied
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Application Temperature	<p>Minimum application temperature - 35 °C Maximum application temperature + 55 °C</p>
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Delivery

Colour	Black
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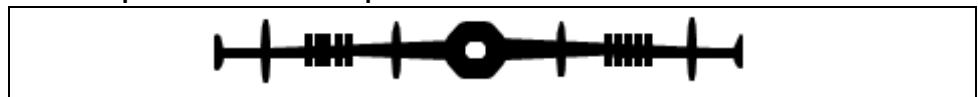
Packing	StoDivers Aquastop is available in roll based on section width
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Internal Construction Joint Waterstop



Product Name	Section Width	Roll Length
StoDivers Aquastop ICJ 15	150 mm	20 m
StoDivers Aquastop ICJ 20	200 mm	20 m
StoDivers Aquastop ICJ 25	250 mm	15 m
StoDivers Aquastop ICJ 32	320 mm	12 m

Internal Expansion Joint Waterstop



Product Name	Section Width	Roll Length
StoDivers Aquastop IEJ 15	150 mm	20 m
StoDivers Aquastop IEJ 20	200 mm	20 m
StoDivers Aquastop IEJ 25	250 mm	15 m
StoDivers Aquastop IEJ 32	320 mm	12 m

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StoDivers Aquastop

Delivery

Packing


StoDivers Aquastop is available in roll based on section width

External Construction Joint Waterstop



Product Name	Section Width	Roll Length
StoDivers Aquastop ECJ 15	150 mm	20 m
StoDivers Aquastop ECJ 20	200 mm	20 m
StoDivers Aquastop ECJ 25	250 mm	15 m
StoDivers Aquastop ECJ 32	320 mm	12 m

External Expansion Joint Waterstop



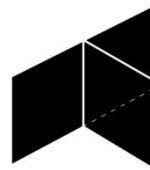
Product Name	Section Width	Roll Length
StoDivers Aquastop EEJ 15	150 mm	20 m
StoDivers Aquastop EEJ 20	200 mm	20 m
StoDivers Aquastop EEJ 25	250 mm	15 m
StoDivers Aquastop EEJ 32	320 mm	12 m

Packing

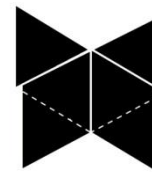
Prefabricated Intersections Junction pieces



L-Vertical



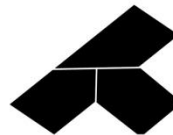
T-Vertical



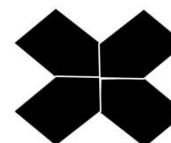
X-Vertical



L-Flat



T-Flat



X-Flat

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Storage

Storage life / conditions Store in dry and frost-free conditions; avoid direct sunlight

Special notes

Health & Safety Please refer to Safety Data Sheet

Technical Support Please consult the local sales office for further information and any site assistance required.

The information in this Technical Data Sheet serves to ensure the product's intended use, or its suitability for use, and is based on our findings and experience. Users are nevertheless responsible for establishing the product's suitability and use.

Applications not specifically mentioned in this Technical Data Sheet are permissible only after prior consultation. Where no approval is given, such applications are at the user's own risk. This applies in particular when the product is used in combination with other products.

When a new Technical Data Sheet is published, all previous Technical Data Sheets are no longer valid. The latest version is available on www.sto-sea.com.

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*Product images may differ from the actual product.