

Technical Data Sheet

Waterstop series

Joint strips in accordance with BS Standard 2571

Waterstop is used for construction joints or expansion joints & for internal or external waterproofing in concrete structures in accordance with British standard 2571, which are subject to continuous or occasional loads from pressure water and non-pressure water.

Technical Data

Basis: PVC (according to Factory Standard)

Colour: Green

Application temperature: $\geq 0^{\circ}\text{C}$

Tensile strength, in accordance with EN ISO 527: $\geq 10 \text{ N / mm}^2$

Elongation at break in accordance with EN ISO 527: $\geq 300 \%$

Tear Resistance in accordance with EN ISO 34-1: $\geq 12 \text{ N / mm}$

Hardness per ShoreA in accordance with EN 527: 70 ± 5

Tear Test in accordance with EN ISO 34-1: $\geq 12 \text{ N / mm}$

Reaction to fire: Normal inflammability
in accordance with EN 13501:(construction class E)

Resistance to Chemicals:

Type

Dilute Acid Very Good

Dilute Alkalies Very Good

Oils and Greases Good (variable)

Sea water Very Good

Aromatic Hydrocarbons Poor

Halogenated Hydrocarbons Moderate (variable)

Alcohols Good (variable)

Packaging

Storage

Length: 10-25m

Packaging: Rolls

Store dry, frost-free, weather protected,
min. 18 months

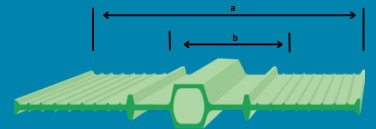
Safety information

In general, it is not recommended to use a product after it has expired unless Plastiki Group has given its approval. Only after verifying that the material's primary properties meet specifications may the Plastiki Group's quality assurance department provide this approval.

No special measures required

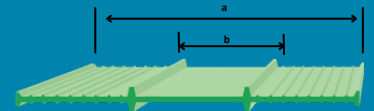
INTERNAL EXPANSION JOINT

TYPE	a	b
DBS-140	140	40
DBS-200	200	70
DBS-240	240	80
DBS-300	300	100



INTERNAL CONSTRUCTION JOINT

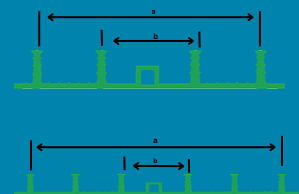
TYPE	a	b
ABS-140	140	40
ABS-200	200	70
ABS-240	240	80
ABS-300	300	100



EXTERNAL EXPANSION JOINT

TYPE	a	b
DABS-200	200	80
DABS-240	240	80
DABS-300*	300	100
DABS-400*	400	125

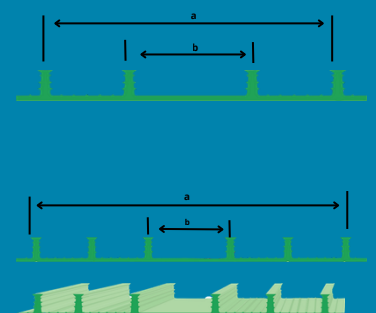
*6 PINS



EXTERNAL CONSTRUCTION JOINT

TYPE	a	b
AA BS-200	200	70
AA BS-240	240	80
AA BS-250	250	80
AA BS-300*	300	100
AA BS-320*	320	100
AA BS-400	400	125
AA BS-500*	500	150

*6 PINS



Installation and Fixation

Internal waterstops are integrated in the concrete cross section. The distance from the edge of the building component should be half of the total width of the joint strip as a minimum. External waterstops are installed flush with the outside surface of the concrete.

Waterstops may only be installed if no damage or deformation is present. They must be installed with no wrinkles and planar to the joint axis. The secure fastening must not be released during concreting. Maintain a minimum distance from the reinforcement of ≥ 20 mm.

Before concreting, clear the strips of any dirt or soiling that may be present. The waterstops must be fully enclosed by the concrete and must be concreted in free of voids. When compacting the concrete, make sure the strips are not in contact with the concrete vibrator. During formwork stripping with external waterstops, make sure that the waterstop is not loosened. If necessary, extend the stripping time.

Establishing connections on the building site:

A waterstop connection is established through welding. The halves to be connected are melted and joined together whilst in a plastic state.

For this purpose, both prods are cut straight and right angled and then placed in a welding device.

Here, the halves to be joined are:

- aligned
- heated / melted
- shifted
- joined together
- cooled by the ambient temperature

Important instructions:

- Only facing welds should be applied on the building site. Pre-formed pieces are fabricated in the factory.
- External waterstops may not be used on the top side of horizontal or angled building components.
- With external waterstops, it may be advantageous to compact the concrete with an external vibrator.
- Connection with adhesives is not permissible.
- Building site joints / connections should only be applied by experienced personnel.

Health and Safety

On June 1, 2007, the European Commission's new regulatory system (EC 1907/2006) for the Registration, Evaluation, Authorization and restriction of Chemicals (REACH) went into effect. Article 7 of REACH regulation defines circumstances under which article producers and importers have to register or notify of substances in articles. Along with other requirements, Article 7 requires that, when an article contains Substances of Very High Concern (SVHC) in a concentration above 0.1% (w/w), any producer or importer of articles shall notify the customer for the presence of SVHCs.

Specifically, the above PVC waterstops do not contain any substances identified as SVHCs (included in the most recent candidate list, Annex XV) at levels greater than 0.1 % w/w.

Further substances

Herewith we confirm that following substances are not intentionally added in above mentioned products:

- Per- and polyfluoroalkyl substances (PFAS)
- Recycled raw materials
- Volatile organic compounds, VOCs
- Wood raw materials
- Fluorinated green house gases
- Lead and its compounds
- Mercury and its compounds
- Arsenic and its compounds
- Brominated flame retardants
- Organotin compounds
- Biocides

Disclaimer:

This REACH Statement for our products does not constitute legal or business advice. Statements about REACH are provided for informational purposes only and they are based on the information available at this time regarding REACH and are subject to change at any time. Plastiki Group LC. makes no warranties or representations either express or implied with respect to the information provided in this REACH Statement. Every customer should review REACH and determine what actions they should take, if any, to comply



PLASTIKI GROUP

Thesi Viroria Keratea Attica - Greece

Po. Box 22018 Keratea 19001

Tel. +30 2299069288

Fax. +30 2299067429

email: info@plastiki.com.gr

www.plastiki.com.gr