

Technical Data Sheet

Waterstop W series

Joint strips in accordance with factory standard.

- Applicable inside and outside
- Very good weldability

Areas of use:

W series waterstop is used for internal and external waterproofing of movement joints in concrete structures in accordance with factory standards, which are subject to continuous or occasional loads from pressure water and non-pressure water.

Technical data:

Basis: PVC-P
Colour: green
Length: 10-25m
Packaging: Rolls

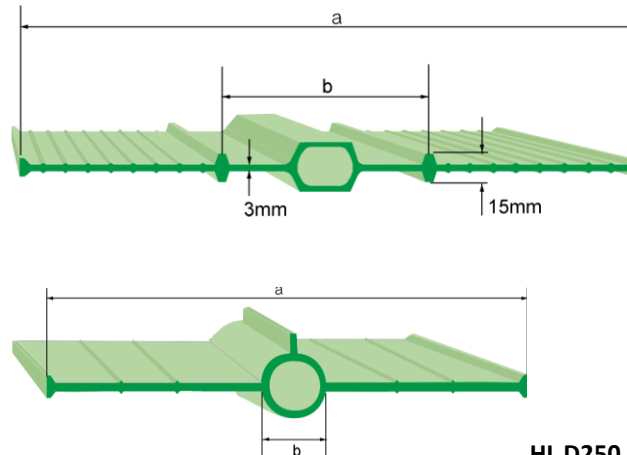
Application temperature: $\geq 0\text{ }^{\circ}\text{C}$
Storage: Store dry, frost-free, weather protected, min. 18 months

Tensile strength, in accordance with EN ISO 527: $\geq 10\text{ N / mm}^2$
Elongation at break in accordance with EN ISO 527: Hardness $\geq 285\%$ per ShoreA in accordance with DIN 53505: 75 ± 5

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

Dimensions:

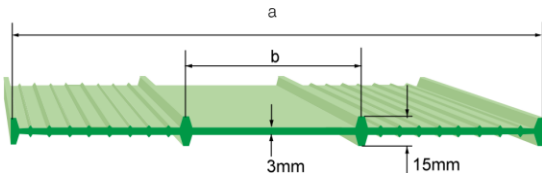
Internal waterstops M series



HL D250

Type	a	b
WH D-140	140	40
WH D-200	200	70
WH D-240	240	80
WH D-300	300	100
HL D-250	250	25
Light economic type of waterstop with 2,2mm thickness		
Manufactured according to: BS 2571 with 300 % elongation.		

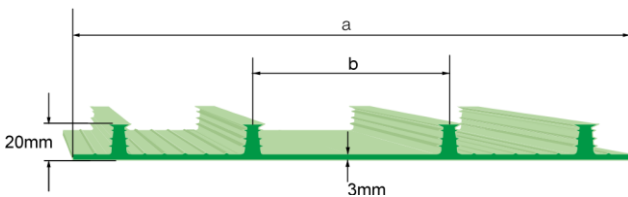
Waterstop W series



Type	a	b
WHF D-140	140	40
WHF D-200	200	70
WHF D-240	240	80
WHF D-300	300	100

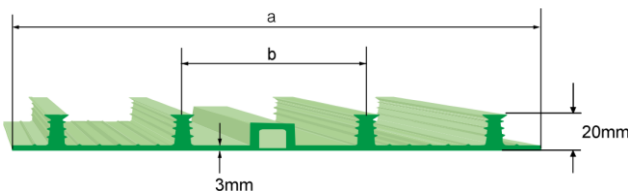
Manufactured according to: BS 2571 with 300 % elongation.

External waterstops



Type	a	b
WR D-200	200	70
WR D-240	240	80
WR D-300	300	100
WR D-400	400	150
WR D-500	500	235

Manufactured according to: BS 2571 with 300 % elongation.



Type	a	b
WRH D-200	200	70
WRH D-240	240	80
WRH D-300 *	300	100

Manufactured according to: BS 2571 with 300 % elongation.

Application:

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 together are:

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

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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.
- Each building site joint can require approx. 0.5-2 hours of work time and these must therefore be planned and executed in good time before the following steps.