

# Metal waterstop

Metal waterstop with reactive coating

## TECHNICAL DATASHEET

Status 01.09.2022

Item no. A03612014  
A03626014  
A03621214

## PROPERTIES

**Metal waterstop** is an internal water bar, one-sided coated over the entire surface for fast, simple and reliable sealing of construction and crack inducing joints. The internal water bar has an adherent, reactive polymer coating on one of its side. This coating has to be positioned towards the waterside. The high bonding characteristics of the polymer coating prevent the internal **Metal waterstop** from being infiltrated. As a result of this, fixation on the upper reinforcement layer is absolutely sufficient (an embedment depth of 3 cm is adequate) while assembling in a construction joint between basement slab and wall. A time consuming foundation kerb is not necessary.

**Metal waterstop** is resistant to all organic wastewater. Connecting to an expansion joint is a straight forward procedure with a special connector.

## APPLICATION

All typical construction joints: suitable for all typical constructions- and crack inducing joints between base/base, base/wall, wall/wall, wall/ceiling, ceiling/ceiling.

## TECHNICAL DATA

Element length:	2,0 m - stripe 6,0 m - roll
Width:	140 mm, respectively 100 mm <b>Metal waterstop with integrated base</b>
Thickness:	1.3 mm
Temperature resistance:	-20 °C / +70 °C

## PACKAGING & STORAGE

2,0 m - stripes	bundle: 30,0 m	pallet: 900,0 m
6,0 m - roll Set	box: 6,0 m/roll	pallet: 84 sets / 504,0 m incl. 6 pcs. Omega-clips, 2 pcs. push brackets
2x 6,0 m - roll Set	box: 2 x 6,0 m/roll	pallet: 48 sets / 576,0 m incl. 8 pcs. fixing bracket, 4 pcs. push brackets

Special length on request. **Metal waterstop with integrated base** can only be delivered in 2,0 m - stripes.

**Metal waterstop** has to be stored in a dry place and be protected of any mechanical damage.

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## INSTALLATION

**Metal waterstop** is positioned, with the polymer coating facing towards the water side, along the middle of the joint (base to wall, wall to ceiling), running between the reinforcing rods and fixed in place with the ready-made fixing clips (around 1 pcs. per metre). **Metal waterstop with integrated base** is simply positioned and secured in place by bending the integrated strips around the rebars.

Before concreting the protection foil of half the metal water bar included in the corresponding section has to be removed. Please mind the minimal distance of 3 cm to the vertically running starter bars. **Metal waterstop** sections are joined together with an overlap. The amount of overlap should correspond to approximately 5 cm. After the removal of the foil the overlap is secured with two push brackets, one from above and one from below.

The upper part of the protection foil has to be removed before concreting the second section. **Metal waterstop** is applied in vertical and horizontal construction joints by simply removing the overlap foil and securing the overlap with the above mentioned push brackets. Curves as well as corners are bent into position on-site. Damaged or dirty sheets must not be installed and have to be changed.

## ACCESSORIES

Item no.: A03612014	Metal waterstop strips 2,0 m, B = 140 mm	30 m
Item no.: A03626014	Metal waterstop 6 m Set, B = 140 mm incl. accessories	1 Set
Item no.: A03621214	Metal waterstop 2 x 6 m Set incl. accessories	1 Set
Item no.: A03611002	Metal waterstop with integrated base	30 m
Item no.: S03510155	Omega fixing clip, 155 mm height	100 Stk.
Item no.: S03540030	Metal waterstop fixing bracket	40 Stk.
Item no.: S03510002	Push brackets	15 Stk.

**Note:**

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