

# CONTEC® contaflexactiv MSA

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CONTEC® contaflexactiv MSA metal waterstop with double side active bentonite coating, which are used to ensure full watertightness of control crack in reinforced concrete structures.

## Variants

- MSA – Metal waterstop crack inducer with active bentonite strip
- MSA-FT – Metal waterstop crack inducer with active bentonite strip with mesh strip to connecting with precast walls

## Main Characteristics

- Metal waterstop crack inducer with active bentonite coating
- Control crack tightness up to 0.5 MPa with constant pressure and with variable pressure
- Active bentonite has been tested for continuous tightness of the working break even after a drying period
- Active bentonite coating is protected by a biodegradable film against premature swelling
- Fast installation
- Low transport costs

## Technical Data

- Sealing material: active bentonite
- Thickness active bentonite coating: 2.00 mm
- Material: galvanised metal sheet
- Thickness metal waterstop: standard 1.2 mm
- Unit width: 80; 100; 125; 150; 175; 200; 250 mm (others width available on request to max. 650 mm)
- Unit length: straight unit 1.50 and 1.25 mb (others length available on request)
- Packaging: box packed on pallets, shrink wrapped

- Storage: Product should be kept in rooms that are protected from moisture and precipitation. Do not store in the sun. Product should be stored under the roof.

## Installation

The CONTEC® contaflexactiv metal waterstop with activ bentonite is placed on top of the top reinforced rebars at the location of the planned construction joint. Depending on selected variant, the product is installed:

**ACR / AC** – is stabilised with clamps KA8/18/3 or KA 8/25/3, the overlap between the metal waterstop is 10 cm and is secured with clamp KA 18/3.

**ACF** – the metal waterstop is placed on the upper reinforcement, there are special plates in the footing which are bent against the reinforced bars (additionally it can be tied with wire through the holes in the footing), the overlap between metal waterstops is 10 cm and is secured with clamps KA 18/3.

Connection to the PVC tapes is carried out with the CONTEC® contaflexactiv ACB.

## Associated System Product

- CONTEC® contaflexactiv AC
- CONTEC® contaflexactiv ACR
- CONTEC® contaflexactiv ACF
- CONTEC® contaflexactiv CFS-A
- CONTEC® contaflexactiv CFE-A

## Related Product

- RECOSTAL® 1000 F
- Tie-Pipe activ

## Reference Document

Active bentonite coating:

- MFPA Allgemeines bauaufsichtliches Prüfzeugnis Nr. P-SAC 05 / 5.1 / 21 - 398
- Krajowa Ocena Techniczna ITB-KOT-2021/1731 wydanie 1

## Safety/Recommendations\*

Wear protective gloves

\*The recommendations relating to the application and end-use of our products are based on our current knowledge and experience of the products when properly stored, handled and applied under normal conditions. No warranty in respect of merchantability or of fitness for a particular purpose, nor any liability

arising out of any legal relationship whatsoever, can be inferred either from this information, or from any other advice offered. The user shall rely on his or her own information and tests to determine suitability of the product for the intended use. We reserve the right to update information due to technical progress.