WFP Sealing Element BK

Special coated steel sheet

Product description
WFP Sealing Element BK is made of 160 mm width and approx. 0.75 thick galvanized steel. It is both sides coated with a highly elastic special coating. The sealing sheet has a setting angle and it is connected with the sealing sheet. Due to the setting angle, which has long holes, the fastening on reinforcement steel is easy and very efficient.

Area of application
WFP Sealing Element BK is used for sealing against pressurized water in concrete construction joints for bottom/wall, wall/wall, bottom/bottom and wall/ceiling applications. Typical areas of application are drinking water tanks, areas of changing water levels, cast-in-place concrete and precast unit constructions.

Properties
- Officially tested
- Watertight against pressurized water of 2 bar, (functional approval up to 5 bar)
- Special coating, highly elastic
- Two-part foil protects the coating
- Patented
- Setting angle
- Easy application on reinforcement steel
- No additional upstand is required
- Easy connection to expansion joints
- „Made in Germany“

Specification
Steel material: galvanized steel
Steel sheet height: 160 mm
Steel sheet thickness: approx. 0.75 mm
Steel sheet length: 2 m
Special coating: rubber-bitumen
Thickness of complete sheet: approx. 2.1 mm
Color: black
Temperature resistance: -35°C to +75°C
Working temperature: +5°C to +50°C
Delivery form

boxes with 30 elements á 2 m length and
40 joint clips
12 boxes per pallet

Storage

12 month in cool and dry conditions and original package

Application

Preparation of surface
WFP Sealing Element BK will be installed in the middle of the construction joint on top of reinforcement steel.

Material
At first remove the lower part of protection foil (in direction to the setting angle). WFP Sealing Sheet BK is placed on the highest reinforcement steel layer and will be connected by using a wire to the reinforcement steel. The sealing sheet must be placed so that it is minimum 3 cm embedded in fresh concrete, this must be note at application. The next sheet will be connected to the next sheet with an overlapping of 5 cm. The overlapping must be strong connected by pressing and secured by using the WFP Joint Clips. Due to the special coating of the WFP Sealing Sheets an additional bonding of overlappings is not required. Please take note of application description to look on the different areas of application. The special coating has a very resistance against chemic attack, please order the chemical resistance list.

Recommended tools
Gloves, wire
WFP Joint Clips

Remark
The information complies with the current state of development. There is no claim for completeness. A professional and therefore successful processing of the products is not within our responsibility. We accept a warranty only for the quality of the products, but not for processing. It is the responsibility of the user to evaluate the suitability of our products for its purpose. Preliminary tests are recommended.