



Beton SHimi  
بتن شبیمی زرین کوه



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## Waterstop (Beton SHimi)

### Hollow PVC waterstop:

Waterstop is a product that is used to seal parts of concrete that have seams due to illegal reasons such as pouring concrete at different times, changing the angle of the concrete surface, etc. Waterstop is mostly used in cases where concrete is subject to the passage and contact with liquids. It is used in swimming pools, sewers, etc.

Technical specifications of waterproof PVC	
physical state :	solid
Color :	yellow
Product type:	PVC
product type :	pitted
Cement resistance:	Resistance to all acids and bases
Number of combined components:	single component
Tensile strength :	200MPa

### How to install Waterstop:

The flat waterstop is placed in the place where the concrete is expected to be cut, so that half of the width of the waterstop is removed in the first concreting and the other half in the second concreting. The procedure is the same for the perforated waterstop. with the difference that the waterstop hole is placed in the expected location of the expansion joint. Clamps designed for this purpose are used to connect and fix the waterstop in the structure.

### Connecting two ends of Waterstop:

It is possible to weld the two edges of the waterstop to each other by hot and cold welding methods.

(1 Hot welding: There are 2 methods of welding in this method.

- Butt welding, which is done by means of a sword element.
- Over lap, which is done by the ax element.

(2 Cold welding: In this method, first, the tusks of 30 to 50 cm from the 2 edges of the waterstop are separated with a cutter, and then both sides of the waterstop are coated with PU glue. The weight is about 50 kg for 4 to 6 days. Put the watch on the waterstop. After the time has passed, install the waterstop in place.