



Beton SHimi  
بتن شبمی زرین کوه



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158



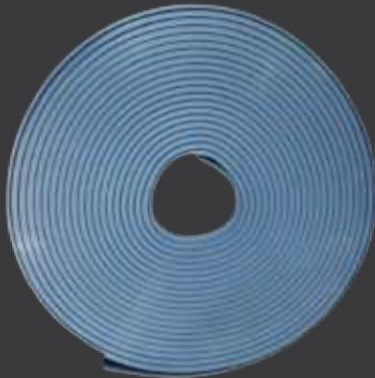
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## Waterstop (Beton SHimi)

### Hydrophilic Waterstop:

Hydrophilic waterstop is a type of modern sealing tape that is made and produced on the basis of rubber. This tape is used to seal various seams. The way Hydrophilic Waterstop works is that it increases in volume after contact with water. This increase in volume reaches about 400% 14 days after the first call. That means its volume will be almost 5 times.

#### Hydrophilic waterproof technical specifications

physical state :	solid
Color :	Blue
Product type:	PVC
kind of product :	Hydrophilic
Cement resistance:	Resistance to all acids and bases
Number of combined components:	single component
Tensile strength :	200MPa
Maintenance :	away from moisture and direct sunlight

### Preparing to use Waterstop:

Open the waterstops before installation. to return to the straight position - which makes it easy to work and install the waterstop. Check the waterstop for defects or cracks. Repair defective waterstops before use.

### How to install Waterstop?

Put the waterstops in the right position. Make sure that about half of its width is sunk into the concrete. Make sure to fasten the waterstop with the help of clamps to the guide armature that you prepared in advance at the waterstop installation site at a distance of about 20 to 25 cm from each other.

Concrete joints, where two or three sections of concrete meet, are the weakest points that are easily exposed to liquid leakage. Therefore, a number of Waterstop products are designed to form a moisture barrier to deal with these issues.

Proper installation determines the performance of waterstops in waterproofing and reduces flaking and cracking of the surrounding concrete.