



Beton Shimi  
بتن شبمی زرین کوه

## Microsilica gel (Beton Shimi)

### Microsilica gel BS920:

It is one of the concrete additives based on microsilica and lubricant, which replaces microsilica for sealing, corrosion prevention and ease of implementation. The gels used are often produced based on polycarboxylate concrete lubricant.

#### Technical specifications of microsilica gel

physical state :	gel
Color :	Gray
pH:	10
packing :	25 kg gallon
Expiration date :	8 months after production in a sealed bag away from moisture
Mixing ability:	has it
Chlorine ion:	does not have
Freezing point :	-2

### Advantages of using microsilica gel:

Increasing concrete fluidity, reducing water consumption  
Sealing concrete, increasing strength  
Prevent corrosion of concrete and reinforcement  
Reduction of drainage and separation of aggregate  
Increasing the durability of concrete in melting and freezing cycles  
Increased wear resistance

### Applications of microsilica gel:

Production of concrete and concrete parts with high strength  
Implementation of concrete tanks and floors  
Foundation of machines  
Resistance to chlorine ions and sulfates

### How to use microsilica gel:

Add the right amount of microsilica gel to the ready concrete and mix for 3 minutes and then drain the concrete.



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