



Beton Shimi  
بتن شبمی زرین کوه

## Petroleum based mold oil (Beton Shimi)

### What is mold oil?

Concrete mold oil is a chemical substance that is also known as concrete mold oil and by creating a slippery layer between the concrete and the mold surface, it makes it easier to separate the mold from the concrete. Concrete mold oil is oil-based and water-based. emulsion) is produced. Mold oil is used to release the concrete piece or plate from the mold.

Technical specifications of petroleum-based mold oil	
physical state :	liquid
Color :	Brown
packing :	16 kg gallon
Expiration date :	1 year after production
Mixing ability:	with diesel
Chlorine ion:	does not have
Special Weight :	0.85 gr/cm <sup>3</sup>

### The consumption of petroleum-based mold oil:

The amount of mold oil consumption varies depending on the material of the mold and the porosity and roughness of the mold surface. Normally, if you add half to 1 liter of petroleum solvents to every liter of mold oil, you can cover 10 to 12 square meters of the surface.

### Advantages of petroleum-based mold oil:

- Helping concrete bubbles pass better and faster
- No need to apply mechanical blows to separate the mold from the concrete
- No contamination of the concrete surface
- Insoluble in water
- economic efficiency
- Frost resistant
- No discoloration on the concrete surface

### How to use BS930 water-based mold oil:

This oil can be combined with 1 or 2 parts of water for economy and applied on the surface of the mold.



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