

# BestSil SF090

Silicafume admixture - sulfate anti corrosion for concrete

Jan. 2022 Version

**PHỤ GIA & HÓA CHẤT XÂY DỰNG BESTMIX® CONSTRUCTION CHEMICALS & ADMIXTURES**  
 PHỤ GIA BÉ TÔNG, XI MÀNG - HÓA CHẤT CHỐNG THẤM - VỮA RỐT RỐT KHÔNG CO NGÓT - NÉN SÀN - KẾT NỐI - TRÁM BÍT - SỬA CHỮA - BẢO VỆ AN THIÊN ★ CEMENT AID - CONCRETE ADMIXTURE - WATERPROOFING - GROUTING - FLOORING - BONDING - SEALING - REPAIRING - PROTECTING - FINISHING

**Description:**

- BestSil SF090 is a concrete admixture new generation, powder form, Silicafume pozzolanic base, is made from special technology to be suitable with condition in Vietnam.
- BestSil SF090 improves the internal adhesion, waterproof and sulfate corrosion resistance.
- BestSil SF090 meets requirements of TCVN 8827:2011.

**Application:**

- Foundation, floor, beam, column, wall, structures thin with thick reinforcement density
- Site in salinity or alum soil
- The precast concrete structure, the construction of dock, quay...

**Advantage:**

**Plasticizing:**

- Increase the flexibility of concrete, easy to apply, ...
- Increase the concrete density, improve the surface quality.
- Reduce shrink and crack concrete.
- Improve the waterproof for concrete.
- Increase capacity of sulfate resistance.
- Suitable with tropical condition of Vietnam.

**Fast the strength:**

- Accelerate growth of concrete strength in the first days.
- Increase significantly the final strength.
- Shorten working time.
- Minimize cost to cure concrete.

**Test:** The test results are done under the climate condition in Vietnam.

**Technical data:**

Packaging	Component	Chlorine content
25 kg/bag	Silicafume	None

Appearance	Dosage	Density
Grey Powder	5÷10 kg/100 kg cement	2.15 kg/liter

**Typical dosage:**

- Normal: **8.0kg/100 kg cement** (4.0kg / 1 bag cement 50 kg).

<b>Shelf life:</b>	24 months upon manufacturing date (original , unopened package); In dry, cool place.
<b>Compatibility:</b>	Suitable with Portland cement in market.
<b>Quantitative:</b>	<ul style="list-style-type: none"> <li>- Mix BestSil SF090 with cement before pouring water into.</li> <li>- Water shall be properly adjusted to BestSil SF090 dose when combined with super-plasticizer additives of Super line to achieve the required slump.</li> <li>- Mixing time is at least 80 cycles of mixing tank.</li> </ul>
<b>Prescaution:</b>	<ul style="list-style-type: none"> <li>• Specific test to select the optimal dose for each purpose is recommended</li> <li>• Use proper mixer machine, do not mix by hand to ensure the homogenous.</li> <li>• Combination with super-plasticizer additives of BesFlow line is highly recommended to get highest performance.</li> </ul>
<b>Safety:</b>	<ul style="list-style-type: none"> <li>• Avoid prolonged skin contact. Protective clothing is high recommended</li> <li>• Keep away from food, instruments of live activity, keep out of the reach of children.</li> <li>• In case of contact with eyes rinse immediately with plenty of clean water and seek medical advice</li> </ul>

**Disclaimer:** *The technical information and application instruction in documents of BESTMIX based on BESTMIX's current knowledge and practical experience. The information here only describes the general nature of product, so users should test the product for each purpose. BESTMIX has the right to change features of our product, user must always refer the latest technology product.*

**BESTMIX CORPORATION**

www.bestmix.vn

**HEAD OFFICE:**  
 Lot D1, D1&N3 Rd., Nam Tan Uyen IP,  
 Tan Uyen Town, Binh Duong Province.  
 Tel: (027) 4365 3990 - 4365 3991  
 Email: info@bestmix.com.vn

**HCMC OFFICE 1:**  
 378-384 Cong Hoa Str., Ward 13,  
 Tan Binh Dist., Ho Chi Minh City  
 Tel: (028) 3810 7995 (7996, 7997)  
 Email: bm1@bestmix.com.vn

**HCMC OFFICE 2:**  
 23 Nguyen Huu Canh Str., Ward 22,  
 Binh Thanh Dist., Ho Chi Minh City  
 Tel: (028) 3899 0339 - 3899 0340  
 Email: bm2@bestmix.com.vn

**NHA TRANG OFFICE:**  
 989 Le Hong Phong Street,  
 Phuoc Long Ward, Nha Trang City  
 Tel: 090 545 3579  
 Email: bm3@bestmix.com.vn

**CENTRAL BRANCH:**  
 478B1 Dien Bien Phu Street,  
 Thanh Khe District, Da Nang City  
 Tel: (023) 6371 5299 - 6371 5399  
 Email: bm4@bestmix.com.vn

**NORTHERN BRANCH:**  
 TT6.2 - 65, Dai Kim Urban Area,  
 Hoang Mai Distrist, Ha Noi City  
 Tel: (024) 3200 8234  
 Email: bm5@bestmix.com.vn