

# FALCON Solution Ltd

Professional Solution for Polish Concrete



[www.falconsolutionbd.com](http://www.falconsolutionbd.com)



## **What is Floor Polishing**

Floor Polishing is a sophisticated, innovative, economical and environmentally friendly process of mechanically grinding and polishing concrete utilizing industrial diamonds & impregnating hardeners. Through the method of the normal stone floor is transformed into a mirror-like floor with the help of a high technology machine, it is known as floor finishing. This is mainly discovered by America, Japan, Europe, Germany, Korea and China Technologies. The word conquers now in Bangladesh.

*Green & Sustainable Solution for Industrial, Commercial, Residential Flooring System*

## **Polishing Where to make Floor**

Floor Polishing is more applicable to those buildings which are more open than the buildings. Such as: Industrial, Commercial, Residential, Warehouses, Retail locations, Showrooms, Schools, University, Shopping Mall, Hotel & Restaurant, museums, and government buildings. The places in the industrial building that are done are office buildings, Warehouse, Knitting, Dyeing, Cutting, Sewing, Utility, Buildings, Chemicals, Boilers and Restaurants, Resort, Hospitals, Community centers, Residential Buildings and Parking places etc are located in the Commercial Buildings. Besides Mosaics, Granite and Marble floors used in the past can also be polished like a mirror.



## 100% Protection Against Concrete Dust Generation

Eco-friendly Concrete Granite's penetrates into the concrete causing calcification between pores by uniting lime, clay, minerals, aluminum and silicate polymers to ultimately make the concrete structure the most stable and strong three-dimensional tetrahe CG on molecular structure. This makes the surface become totally hardened and fundamentally protects from dust generation.



## Polishing Floor Effectiveness

- Since the polishing is done on the main floor, there is no risk of breaking the floor and cracking.
- This place has no joints, it is a platform all the space.
- Polishing floor costs less than tiles and mosaic floor.
- Polishing floor stability is much higher than other floors.
- Compared to tiles, mosaics and granite floor, polishing floor is more brighter than.
- The ability to carry weight is more
  - Due to the use of chemical, concrete up to 7 inches has become more strong bonds.
  - Floor finishing helps reduce that extra weight.
  - Takes less time.
  - Heat and sound repellent.
  - There is damage to the floor to remove the furniture and machines.



## One Application for Semi-permanent Life of Product

Eco-friend Concrete Granite works in an incorporated system with concrete so it becomes semi-permanent. It's penetrable properties have it function along with the concrete's live after just one application whereas other hotero hardeners lose their adhesion.

**Water Repellency Effect :** Eco-friend Concrete Granite is excellent with it's pore filling properties of silicate. The concretes' surface is sealed through silicates surface action to prevent water penetration and offers further protection from other Concrete Granite's and contamination.

**Anti-slip :** Eco-friend Concrete Granite doesn't change the concrete's properties but becomes integrated with it. This gives a glossy effect but practically it has almost the same anti-slip properties as concrete, this is hugely different from coatings such as epoxy.

**Ware Reduction :** As an additional effect from the surface hardening, the wear amount has been measured to be reduced by around 45%. Specimens were tested with a 300 Compression strength Semi-permanent Environmentally, friendly Flooring Polishing System.

**Glossy Effect :** Eco-friend Concrete Granite has a more glossy effect over time due to sealing and surface friction and it has no maintenance required but only wipe with Mop.

**Surface Hardening :** As silicate

hard calcium  
ness increas-  
concrete  
of

unites with calcium hydroxide in the concrete to make an extra

silicate, it expects on the existing concrete's hard-  
ing hardness by about 30-50% of existing  
hardness within 3-24 hours after application  
Eco-friend Concrete Granite.

**Carbonation Protection :** Carbonation of the concrete, where the concrete loses it's alkali property, modifies calcium hydroxide, the catalyst of the carbonation into calcium silicate and at the same time stops the flow of carbon dioxide in the concrete by filling it's pores. It thus has a superior effect in the control of carbonation.

**Permanent Life by  
Protection of Concrete :**

Hardens concretes, Seals  
Concrete, External shock  
% friction resistance and  
restrains permeation of  
water, chlorine and CO2

+8801744798865  
+8801680306412  
+8801925610510

falconsolution18@gmail.com

www.falconsolutionbd.com

**FALCON**  
Solution Ltd

Address :

1/5 Mizan Tower, Kallyanpur Bus Stand,  
Kallyanpur, Dhaka-1207, Bangladesh.