



# DENSIL

## دينزل

**Liquid densifier, and Surface Hardener, for concrete and cementitious surfaces**

### Value added

**Densil** is a water based product, easy to apply, economic, and works on strengthening the weak properties of the concrete floor slabs, even after the complete drying and curing of concrete, and waterproof the concrete surface but allowing the concrete to "Breathe"

### Application and Rates

- High application rate; 6-10 m<sup>2</sup> for every kg., according to the porosity and nature of concrete surface.
- **Densil** supplied in plastic packs weighing 20, 150, or 1000 Kg.
- Applied by brush roller or preferably by praying machine.

### Product Specifications

- **Densil** is a viscous , light Pink and clear liquid contains no lumps based on Inorganic Chemicals.
- Specific Gravity is: 1.1 :g./Lit.
- PH: 12- 13.
- Contains no poisonous or harmful materials
- Valid for 1 year from production date.



### Densil the Product and Idea Behind

Concrete floors representing a big portion in factories, stores, Shopping malls, and commercial places, and they representing -the gray or colored, plain or stamped, the best solution for the designer regarding the economic cost, the long term durability, or the low maintenance schedule, but with all previous advantages, the dusting problem is still a challenging obstacle.

**Densil** offers an innovative solution for concrete floors dusting problem, it works on the concrete floor surface by impregnating and penetrating the surface to strengthen the surface regardless the age of the casted concrete floor, enabling the concrete floor to resist the water absorption, but at the same time allowing the concrete floor slab to "breathe" to prevent the accumulation of the access vapor in the concrete slab.



## Applications

- For strengthening the old concrete floor surface in Garages and stores.
- To prevent "Dusting" and "Efflorescence" of concrete floor in case of food and medical factories and stores.
- To apply a glossy surface to colored and stamped concrete.
- To increase the durability of concrete in high humidity areas.
- **Densil** could be applied for different masonry materials like some natural stones.
- To increase the durability of concrete surfaces by reducing the cracks of the floor surface.
- **Densil** is a water-based material and does not contain any harmful materials to the environment

## Components:

-Each pack of **Densil** contains the latest innovative, surface hardening (Inorganic Chemicals) and densification material that could penetrate up to 2 mm the surface of the floor slab.

-Each pack also contains the surface hardener polymer that ensures the waterproofing of the concrete surface but allow excessive vapor to release out of the concrete slab and harden the surface against wear and abrasion.



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