



شركة كويك ميكس
خبراء العزل الاسمنتي
والاضافات الأسمنتية

Phara proof sp-200

Product description:

Phara proof Sp-200 is a cement-based insulating material that completely stops water penetration through concrete and mortar.

The idea behind **Phara proof Sp-200** action is a chemical reaction between **Phara proof Sp-200** and calcium carbonate found in cement to produce calcium silicate (i.e. crystal-like particles) that fills voids in concrete or mortar and perfectly prevents water seepage.

Phara proof Sp-200 penetrates into the body of the isolated structure to a depth of about 0.5 ~ 0.9 cm. it makes this thickness a 100% shield against water penetration

Technical specifications:

| | |
|--------------------------------|--|
| Product Form | Cement powder |
| Product Color | Gray |
| Water/Phara proof Sp-200 ratio | 50% - 60% |
| Time Gap between 2 coats | 30-40 min [in summer] 60-75 min [in winter] |
| Coverage Rate | 1 kg/1m ² /1Coat |
| Package | 20 kg plastic Bucket |
| Shelf-life | 1 year |

Scope of use:

Phara proof Sp-200 is an excellent choice for insulating:

- Swimming Pools
- Fountains
- Basements, garages,
- Buildings roofs
- Bathrooms
- Artificial lakes
- Marine & coastal constructions
- Land escapes



شركة كويك ميكس
خبراء العزل الاسمنتي
والاضافات الأسمنتية

Advantages:

- **Phara proof Sp-200** application on cement surfaces results in having a mortar or concrete surfaces that are perfectly 100% insulated against water and humidity
- **Phara proof Sp-200** can easily resist enormous hydro static pressure
- **Phara proof Sp-200** Provides excellent cohesion on porous or non-porous surfaces
- **Phara proof Sp-200** has high flexibility, adhesion and severity with the back surface
- **Phara proof Sp-200** resists the friction caused by the movement of workers and light trucks
- **Phara proof Sp-200** resists the impact of Carbon dioxide and chlorides ions effectively
- **Phara proof Sp-200** is over – paintable
- **unlike** other traditional paints which need 7 – 28 days for curing **Phara proof Sp-200** can be applied as a paint directly on concrete surfaces or mortar after 24 hours

Important notes:

- In summer and hot weather after painting the first or the second coat hair cracks might be noticed on the isolated surface. This dose not affect the isolation process provided that the above-mentioned application instructions are applied carefully
- **Phara proof Sp-200** is ready to use material and dose not need any additives to it

Applications:

First: preparing surface

Before applying **Phara proof Sp-200** on cement surfaces or mortar, the surface should be cleaned to be free of (dust, sands, grease, oils, wood or metal slabs, or any painting materials). Also, the surface Should be splashed with water very well 5 minutes before the painting process to moisturize concrete or cement surfaces specially in summer and hot weather. This is very important to increase the efficiency of painting and Enhance **Phara proof Sp-200** penetration into capillary pores of the cement surface.

Second: Painting

Add **12** liters of potable water to each **20 kg** of **Phara proof Sp-200** and mix it well in a clean container [mechanical mixing recommended]. then apply **2** perpendicular coats by using suitable brush with a gap time of 30-40 minutes in summer and 60-75 minutes in winter. After that surface should be left for **24** hours to guarantee the completion of chemical reaction.

Safety and health instructions:

- **Phara proof Sp-200** sacks should be kept in a cool dry place away from direct sunlight.
- Avoid contact with the eye. If occurred, wash eyes carefully with water and consult a doctor.
- Gloves should be worn to avoid skin irritation.