



SPORTMASTER F511

SportMaster Acrylic Resurfacer 運動場地地面修補漿

1.0 Description

SportMaster F511 is a Acrylic based coating in liquid state, it is by applying designed formulation, mixed with appropriate aggregated (Quartz Sand Aluminum oxide or Silicone Carbide) for re-leveling, repairing new or old Court surface, road pavement, or Bituminous/Asphalt based run way etc.

2.0 Aptitude For Use

SportMaster F511 can be used in a single pass to fill large depressions or bird baths up to 30mm. It also reduces the effect of dampness up warding by capillary effect. For thickness above 30mm, please consult technical office of LABOND for application details:

The properties of SportMaster F511 make it a suitable product as damp proofing floor layer on Ground Floor.

3.0 Indicative Mixing Ratio

| Type of works | Ratio | F511 | Quartz Sand | A950 Aluminum Oxide Φ 0.2mm-0.5mm | A951 Silicone Carbide | A906 MP Fiber | Expected Output |
|---|-----------|----------|-------------|--------------------------------------|--|---------------|--------------------|
| Thin Smoothing surface Resurface New/Old layer | By Weight | W: 25 kg | W: 10 kg | W: Nil | W: Nil | Nil | 0.03m ³ |
| | By Volume | V: 20Ltr | V: 7Ltr | V: Nil | V: Nil | | |
| Patch Binder Repair Broken Surface/Leveling surface profile 10-30mm | By Weight | W: 25 kg | W: 20 kg | W: Nil | W: Nil | 10g | 0.04m ³ |
| | By Volume | V: 20Ltr | V: 14Ltr | V: Nil | V: Nil | | |
| Pavement: General Traffic Resurfacing 3-10mm | By Weight | W: 25 kg | W: 10 kg | W: Nil | W: Nil | Nil | 0.03m ³ |
| | By Volume | V: 20Ltr | V: 7Ltr | V: Nil | V: Nil | | |
| Pavement: General Traffic Repair Broken Surface 10-30mm | By Weight | W: 25 kg | W: Nil | W: 10 kg | Alternative to Aluminum Oxide (Same ratio) | Nil | 0.03m ³ |
| | By Volume | V: 20Ltr | V: Nil | V: 7 Ltr | | | |
| Highway/Runway Repair Cracks/Voids 10-30mm | By Weight | W: 25 kg | W: Nil | W: 20 kg | Alternative to Aluminum Oxide (Same ratio) | Nil | 0.04m ³ |
| | By Volume | V: 20Ltr | V: Nil | V: 7 Ltr | | | |

* The above is just for indicative purpose, for actual site situation, it might vary due to size of voids. Please consult technical office for application details.

4.0 Surface Preparation

Before applying SportMaster F511, thoroughly check the surface and, according to the situation and in this order, operate.

In every case and before every operation, it is also important to respect the drying time of the substrate to be covered (2 weeks for hot concrete asphalt, depending on specific mix, 1 month for concrete pavement).

5.0 Weather Conditions

- Apply only in temperatures higher than 50°F (10°C).
- Do not apply if surface temperature is under 50°F (10°C) or in excess of 140°F (60°C).
- Do not apply in rainy or foggy weather or High Humidity.

6.0 Using Instructions

F511 is cured by vaporization, High Humidity of Environment will delay the curing process. It must be protected from raining.