



FLG 90 SILICATE HARD FLOOR COATING

2 PARTS INORGANIC HARD WEARING FLOOR COATING

USES

- Suitable for industrial floors (e.g. warehouses, airports, shopping centers, underground parking lot, etc.).
- Anti-slip floor coating when added with ceramic chips. Suitable for decks, ramps, driveways, stairs, walkways,, auto repair shops, etc.

FEATURES

- Good fire retarding property. It does not give off smoke when burned.
- Good anti stain protection. Due to its high hardness (9H), treated surfaces remains significantly clean even after heavy usage. (T/N: Epoxy's hardness = 3h)
- **FLG90** is able to bond to multiple surfaces including concrete, tile, and some old epoxy surfaces. It is essential to test **FLG 90's** ability to bond before use.
- Anti-slip, anti-dust, oil resistant , chemical and low VOC emission.
- Easy application, fast drying, odour free and environmentally friendly.

APPLICATION METHODS

SURFACE PREPARATION

- Ensure the substrate is completely dry , clean and contaminant free.
- Ensure that the moisture content of the substrate is below 8%.

A: TRANSPARENT FINISH

- Apply 1 layer of **FLG90** 0.1kg per m². Leave it to dry for 4 hours. Then apply 1 more layer of **FLG90** to ensure full penetration.

B : GREY COLOUR FINISH

- Apply 1st layer of **FLG 90** 0.1kg/m² on the preparation surface.
- After four hours , apply 2nd layer of **FLG 90** 0.1kg/m² on the 1st layer.
- Apply 3rd layer for clear colour to achieve gloss finish.

Mix Ratio:

For **CLEAR** coating **Part A** : **Part B** = **3.5** : **1**
For **GREY** Colour **Part A** : **Part B** = **1.6** : **1**

C : ANTI SLIP FINISH

- Apply 1 layer of **FLG90** . Leave it to dry for 4 hours. Then apply a layer of **FLG** with anti-slip aggregate.
- Allow it to dry for 4 hours. Then apply a layer of **FLG** as a top coat.

Mix Ratio:

FLG 90 : **Anti-slip aggregate (ceramic ball or Quartz Sand)** = **100** : **5**

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TECHNICAL DATA

Appearance:	Transparent liquid, can stir in color pigment
Specific gravity:	10.5
Solids content:	60 - 65%
Viscosity:	12cps (25°C)
Hardness:	9H
Coverage:	0.1 - 0.15 kg / m ²
Thickness:	30 - 50 micron.

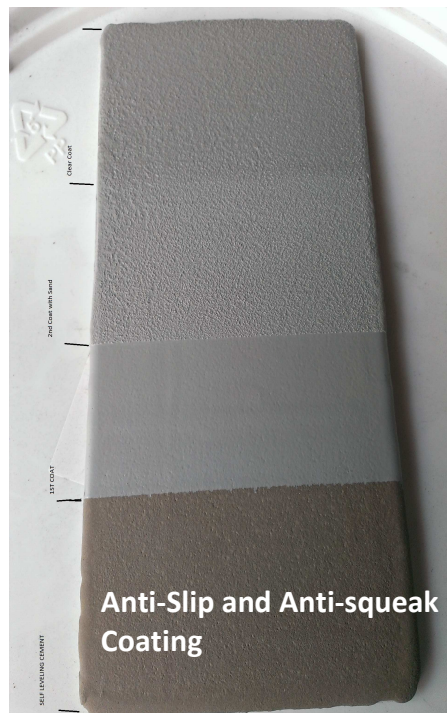
Dry time	10°C	20°C	30°C
Finger touch	6 hours	4 hours	2.5 hours
Harden/Dry	12 hours	8 hours	6 hours
Fully cured	7 days	5 days	3 days

REMARKS

- **FLG 90** should be used within 1 hour after mixing.
- **FLG 90** contain small amounts of alcohol which will float to the top in the can. Please stir before use. Use alcohol or thinner to clean tools.
- Flammable Product: Smoking, Open flames and Hand phone are prohibited within the vicinity where **FLG 90** is being used.

PACKING

5kg Set



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COLOUR CHART



F1002 TURF GREEN
(*370C)



F1008 FRENCH CLAY
(*7413C)



F1016 BRICK RED
(*181C)



F1004 MISTY GREEN
(*7489C)



F1012 CHOCOLATE
(*4975C)



F1017 CHILLI RED
(*187C)



F1005 MISTY GREY
(*COOL GRAY 8C)



F1013 BROWN
(*4705C)



F1019 COTTAGE RED
(*7427C)



F1006 ZINC GREY
(*COOL GRAY 9C)



F1014 NAVY BLUE
(*7462 C)



F1020 GERMAN CLAY
(*7522C)



F1007 LEAD GREY
(*COOL GRAY 10C)



F1015 ROOF BLUE
(*7463 C)

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JOB REFERENCE

TAIWAN



1: Before application



2: FLG 90 mixed with blue pigment



3: FLG 90 (Clear coat)



4: After

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JOB REFERENCE

SINGAPORE

Location:

KAYA FACTORY @ FOOD AXIS SENOKO

Date of Completion:

OCTOBER 26, 2013



Before Application



After application of grey, blue and clear FLG90



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