



RANGAN FAR CO.
MANUFACTURER OF INDUSTRIAL PAINTS

FARCO GLASS 133 GF-3

GLASSFLAKE EPOXY COATING

Product information

- 1-High build glassflake epoxy coating.
- 2-Excellent oil and abrasion resistance.
- 3-Excellent Salt and fresh water resistant.
- 4-Excellent chemical resistance against weak acids and alkalies.
- 5-Corrosion resistance in moderately to severely environment.

Physical data

Colour:	customer request (GRAY-WHITE)
Finish:	semi Flat-semigloss
Flash point:	
Resin:	30 °C
Cure:	30 °C
Solvent:	24 °C
Volume solids:	90±5 %
D.F.T:	500-1000 microns
Specific gravity(mixed):	1.38 ± 0.08gr/cm ³
Theoretical coverage:	1.8 m ² /lit (at 500 µ D.F.T)
Drying time at 25 °C:	
Touch dry:	6 hrs
Dry to handle:	24 hrs
Full cure:	7days
Component:	2
Pot life:	30 mins at 25 °C:
Mixing ratio(by volume):	
Resin:	refer to can label
Cure:	refer to can label
Application methods:	Airless spray
Recommended thinner:	FARCO THINN 13
Recommended cleaner:	FARCO CLEAN 13
Curing mechanism:	by solvent release and reaction by Curing agent and resin
Substrate:	steel-primed steel , concrete

* : For recoating the surface should be free of dust ,grease and contamination.

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Typical uses

As a high performance selfpriming coating on steel and concrete Structure in severe environments, including interior of water tanks and oil tanks floors, and other areas subject to marine weathering and high humidity exposure .

Application information

This Rangan Far's product is a glassflake epoxy for industrial and marine use.

To obtain the maximum performance for which this product is formulated, strict adherence to all application, instructions, precautions, conditions and limitations is necessary.

Application equipment

The following equipment is listed as a guide and suitable equipment from other manufactures may be used.

adjustments of pressure and change of tip size may be needed to obtain the proper spray characteristics.

1-Airless spray: standard airless spray equipment having a 70:1 or higher pump ratio and a fluid tip with a 0.025" to 0.043" orifice.

2 -Mixer: mixer must be powered by an air motor or an explosion proof electric motor.

Caution

- 1-Handle with care.
- 2-Avoid inhalation of possible solvent vapours or Paint mist, as well as paint contact with skin and eyes.
- 3-Apply only in well ventilated areas and ensure that adequate forced ventilation exists when applying paint in confined spaces or when the air is stagnant.
- 4-Always take precautions against the risks of fire and explosions.
- 6-Harmful or fatal if swallowed, immediately seek medical assistance.
- 7-Use fresh air masks and explosion proof equipment.

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Application procedures

- 1-Flush equipment with cleaner before use.
 - 2-Stir resin to an even consistency with a power mixer.
 - 3-Add cure to resin and continue stirring for 5 minutes.
- Note: since the pot life is limited and shortened by high temperatures, do not mix more material than will be used in 30 minutes at 25 °C
- 4-Stir during application to maintain uniformity of material and apply a wet coat in even parallel passes and cross coat.
 - 5-Clean all equipment with cleaner immediately after use.

Environmental condition

Environmental temperature must be 10-40 °C.
Surface temperature must be at least 3 °C above dew point to prevent condensation. At freezing temperature surface must be free of ice and relative humidity below 80 %.

Surface preparation

The surface must be clean and dry. All dirt grease and other foreign materials should be removed. old primed surface must be special surface preparation with smoothly wire brushed and washed with thinner. blasting to standard Sa3 ,
SIS 05 5900 , ISO 8501-1. The surface profile must be min 75 -100 micron.

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