EPOXY HIGH SOLIDS GLASS FLAKE COATING

PRODUCT NUMBER: No.1061GF (EP-999GF)

TYPE: The glass flake coating based on epoxy resin with anticorrosive pigment.

USES: Used for ship, bridges, tanks, pipelines, petrochemical plants and steel structures.

CHARACTERISTICS:
1. Tough and hard film, excellent abrasion resistance.
2. Excellent anticorrosion and water resistance.
3. Use green anticorrosion pigment in formula, both excellent inhibitory and hiding performance of corrosive protection for steel.
4. Excellent resistance to oils and chemicals.
5. Can be applied to variety types of coating, or be coated a variety types of coating, for the best maintenance coating.
6. Suitable to loading grain.
7. When primer use PU700 and topcoat use high weather resistant paint, the anticorrosion performance is especially excellent.

COLOR: Brown, Gray

FLASH POINT: Above 25 °C

SPECIFIC GRAVITY: Above 1.4 Kg/L (mixture)

DRYING TIME:
- Set-to-touch: 4 hrs.
- Dry hard: 12 hrs.
- Fully cured: 7 days (25 °C)

OPTIMUM FILM THICKNESS:
- Wet: 188 microns
- Dry: 150 microns

VOLUME SOLIDS: Above 75%

THEORETICAL COVERAGE:
- 20.0 ml/Gal
- 5.3 ml/L
- 3.8 ml/Kg

OVERCOATING INTERVALS: Min. 6 hrs. (25 °C)

THINNER: SP-12 Epoxy Thinner (5~25%).

PRECEDING COATS:
- No.1006 Epoxy Zinc Rich Primer
- No.1011 Inorganic Zinc Rich Primer
- No.700 One Pack Polyurethane Maintenance Primer
- No.1020 Epoxy Alloy Primer
- No.1075 Epoxy Aluminum Tripolyphosphate Primer

SUBSEQUENT COATS: Epoxy, Polyurethane, Fluorocarbon resin system

MIXING RATIO: Base : Hardener = 83 : 17 (by weight)

POT LIFE: 4 hrs. (mixture, 25 °C)

STORAGE SHELF LIFE: Minimum 2 years under normal storage conditions.

APPLICATION METHOD:
- Airless spray, Brush, Roller

FOR AIRLESS SPRAY:
- Tip size: 0.025”~ 0.029”
- Air pressure: 5~6 Kg/cm²
- Pump ratio: 45 : 1 or greater

NOTE:
1. Mix base and hardener according to the mixing ratio and stir thoroughly.
2. Moisture, grease, sludge, dust, corrosive salt must be thoroughly cleaned from substrate.
3. Avoid applying the paint in rainy weather or the relative humidity exceed 85%, particularly, a wet surface must be thoroughly dried.
4. All equipments must be cleaned immediately after use.
5. The coating should be stored in cool ventilated place, do not exposed to the sun in outdoor to avoid affecting the quality.
6. To increase or decrease the usage of thinner depending on the temperature of the coated surface, the temperature decreased may have to add more amount of thinner.