



EPOXY GLASS FLAKE ULTRA

Product code: PS3557

Composition and Application Field

EVI EPOXY GLASS FLAKE ULTRA is a two component polyamine cured high build, glass flake reinforced pure epoxy coating. The product cures to a tough, hard, abrasion resistant protective coat. Suitable for highly corrosive environments like Im1 to Im3. Can be used as Primer, Mid-coat and Topcoat in atmospheric and immersed environments.

Recommended for offshore environments, refineries, bridges, general structural steel. Especially suitable in areas like splash and tidal zones where high mechanical strength is needed. Compatible with cathodic protection systems.

Application:

The recommended method of application is by airless spray with a minimum pump ratio of 30:1. Tip size of 0.024 to 0.033 will provide good spray pattern.

In touch up and hard to reach areas, brush can be used.

Clean equipment after usage with appropriate Tool Cleaner.

Pot Life : 45 minutes

Specification

Finish	: Semi-gloss
Color	: White, Gray, Buff, Oxide Red
Specific gravity	: 1.47 mixed
Solids by Volume	: 98+/- 2.0
Diluent	: PT2001M 5% Max.
Flash point	: 93°C
Spread Rate	: 2 sq. m/liter @500 microns
Drying Time (30° C 50RH)	
Surface Dry	: 3 Hours
Dry to recoat	: 6 hours
Full Cure	: 7 Days
Recommended DFT	: 500 microns
Heat Resistance	: 120°C Dry Intermittent

Storage & Shelf Life

Under dry and cool condition, Storage stability can be sound up to 18 months in original sealed containers. This material is heat reactive so ensure that the temperature in the storage area does not exceed 40°C or the material will gel pre maturely.

HANDLING

Disposal:

As per the guidance and legislations of the local Authority e.g., by controlled landfill.

In case of doubt, consult local authority. Do not empty into drains, sewers or other water courses.

Caution:

It is strongly advised not to keep open half used drums as it forms a skin on the top layer.

Surface Preparation

All surfaces must be free of grease, dirt and oil before blast cleaning to near white metal according to SSPC SP-10 or SSI-SA2.5.

Application Method

The product comes in two different containers containing the base and hardener. Ensure that all the contents of the cans are all mixed together.

Mixing Ratio: 3 : 1 by volume

Mixing:

Power mix the base portion until a homogeneous mix is obtained. Slowly add the hardener and continue mixing for 10 minutes.

This product can be applied as it is but in conditions where the viscosity becomes thick like during cold seasons, add appropriate Epoxy Thinner up to maximum 5 percent.

Safety Precaution

Avoid contact with the skin and eyes. Wear suitable protective clothing such as overalls, goggles, dust mask and gloves. Use a

barrier cream. Ensure that there is adequate ventilation in the area where the product is being applied. Do not breathe vapor or spray. MSDS is available on request for the safe handling of this product.

FIRST AID

Eyes: In the event of accidental splashes, flush eyes with warm water immediately and obtain medical advice.

Skin: Wash skin thoroughly with soap and water or approved Industrial cleaner. DO NOT USE solvent or thinners.

Inhalation: Remove to fresh air, loosen collar and keep patient rested.

Ingestion: In case of accidental ingestion DO NOT INDUCE VOMITING. Obtain immediate medical attention.