

PRODUCT DESCRIPTION

A two component epoxy-polyamide pigmented with durable pigments giving a glossy topcoat with:

- High resistance to impact and abrasion.
- Good adhesion to aged epoxy coatings
- Resistance to spillage or splashes of mild chemicals
- BS 5493 reference. Meets performance of KFIA

DESIGNED USE

- A high gloss finishes for steelwork, non-ferrous substrates and concrete.
- Suitable as a tank lining for aviation fuel tanks.
- As a colorful topcoat for flooring systems.

PHYSICAL DATA

VOLUME SOLIDS (Based on ASTM D2697)	52 % $\pm$ 2 %
TYPICAL DRY FILM THICKNESS	50 microns
WET FILM THICKNESS	96 microns
THEORETICAL COVERAGE	10.4 m ² /litre @ 50 microns dft
COLOUR	As per shade card
FINISH	Full Gloss

APPLICATION DETAILS

METHOD OF APPLICATION :

AIRLESS SPRAY

This is the recommended method of application:
Maximum 5% Thinner may be added.
Tip Size: 0.38 - 0.48 mm (0.015 - 0.019 in)
Pressure: 130 - 160 kg/cm² (1800 – 2300 psi)

CONVENTIONAL SPRAY

This is also a suitable method of application.
Maximum 20% Thinner may be added
Tip Size: 1.80 - 2.20 mm (0.071 - 0.087 in)
Pressure: 2.75 - 3.45 kg/cm² (40 - 50 psi)

BRUSH OR ROLLER

May be used for difficult shapes or touch-up.
However, additional coats may be required to achieve the recommended film thickness. Thinner (max 2%)

DRYING TIME:

Surface Temperature	Touch Dry	Hard Dry	Re coating Interval		Pot Life
			Minimum	Maximum	
15°C	3 Hrs	20 Hrs	24 Hrs	10 Days	10 Hrs
25°C	2 Hrs	16 Hrs	16 Hrs	5 Days	4 Hrs
35°C	1 Hr	8 Hrs	8 Hrs	3 Days	3 Hrs
45°C	40 mins	6 Hrs	6 Hrs	3 Days	1 ½ Hrs

NO. OF COMPONENTS

Two

Mixing Ratio

3 parts Base to 1 part Hardener (by volume)

Application Conditions

Do not apply this product if the Relative Humidity exceeds 85% or if the substrate temperature is within 3°C of the dew point

ADDITIONAL INFORMATION

Thinner / Cleaning solvent	Solvalux 7-45
Storage Instruction	Store in a cool shaded dry area
Flash Point	Mixed 30°C
Packaging	5 liters & 20 liters
Shelf Life	12 months from the date of manufacture.

SURFACE PREPARATION

- This coating is usually applied over 2 pack epoxies, zinc silicates.
- The surface to be over coated must be dry and free from surface contaminants.
- All wax, oil and grease should be removed by solvent cleaning in accordance with the guidelines given by SSPC-SPI.
- Soluble salts, dirt and dust must be removed prior to applying the coating. Dry brushing should be sufficient. A freshwater wash must follow to remove all soluble salts.
- Always ensure the maximum over coating time for the primer/ build coat has not been exceeded prior to application.

PRODUCT USE RESTRICTIONS

- As is common with all epoxies this product will chalk on exposure to direct sunlight.
- Dry heat resistance up to 120°C.
- May also be applied between 30 and 50 microns DFT.

SAFETY PRECAUTIONS

- Avoid contact with the skin and eyes. Wear suitable protective clothing such as overalls, goggles, dust masks 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.
- This product is flammable. Keep away from sources of ignition. Do not smoke. Take precautionary measures against static discharge. In case of fire – blanket flames with foam, carbon dioxide or dry chemicals.
- Refer to MSDS for further information.

FIRST AID

- Eyes: In the event of accidental splashes, flush eyes with 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.

DISCLAIMER

The information provided on this data sheet is not intended to be complete and is provided as general advice only. It is the responsibility of the user to ensure that the product is suitable for the purpose for which he wishes to use it. As we have no control over the treatment of the product, the standard of surface preparation of the substrate, or other factors affecting the use of this product, we are not responsible for its performance nor would we accept any liability whatsoever or howsoever arising from the use of this product unless specifically agreed to in writing by us. The information contained in this data sheet may be modified by us from time to time, and without notice, in the light of our experience and continuous product development.