

## PRODUCT SPECIFICATIONS

### Product Description

A single component, quick drying, vinyl coating.

### Design Feature

- Quick drying finish coat in aggressive environments such as the underwater hull of ships, offshore steel superstructures, pipelines, bridges etc.
- Outstanding anti-corrosive barrier performance.
- Excellent outdoor durability.
- Excellent resistance to freshwater, saltwater. Low moisture vapour permeability.
- Suitable as an intermediate coat where long term re-coating ability is required.
- Fast dry to handle times.
- It is free from Coat Tar.

### Physical Characteristics

Recommended Application Data	Wet [ $\mu\text{m}$ ]	Dry [ $\mu\text{m}$ ]	m <sup>2</sup> /l
Theoretical Coverage	250	100	4

Volume Solids	:	40 % (based on ASTM D2697)
Dry Film Thickness Range	:	75 $\mu\text{m}$ to 150 $\mu\text{m}$
Flash Point	:	27 °C
Finish	:	Semi Gloss
Colour Range	:	Red Oxide, White
Standard Packing Size	:	1 Gallon (3.785Lit)

### Application Method

AIRLESS SPRAY	:	Tip Size : 0.53 – 0.63 mm (21 - 25 thou) Pressure : 140 – 165 kg/cm <sup>2</sup> (2000 – 2400 psi)
CONVENTIONAL AIR SPRAY	:	May be used. May require additional dilution to achieve good atomisation.
BRUSH OR ROLLER	:	Not recommended since Quick Drying.

### Drying & Curing Time

Substrate Temperature	Touch Dry	Hard Dry	Overcoating Interval	
			Min.	Max.
15 °C	15 minutes	1 hour	2 hours	Indefinite
25 °C	10 minutes	20 minutes	1 hour	Indefinite
35 °C	5 minutes	15 minutes	30 minutes	Indefinite

### Useful Information

THINNER	:	SOLVALUX 7-25 (Maximum 10% addition)
CLEANER	:	SOLVALUX 7-77
STORAGE	:	Store in a cool dry shaded area.
SHELF LIFE AT 25 °C	:	12 months minimum when stored as prescribed in the MSDS.

## Surface Preparation

The service life span and the service performance of LUXAVIN QD are directly related to the degree of surface preparation.

### STEEL

- This product should be applied to a surface that has been blast cleaned and suitably primed.
- The underlying system should be intact, sound and undamaged. Loose or flaking coatings should be taken back to a firm edge.
- Ensure that the surface to be over-coated is clean, dry, free from dust, grease and oil, or any other surface contaminants.
- Soluble salts, dirt and dust must be removed prior to coating. Dry brushing should be sufficient. A freshwater wash must follow to remove all soluble salts.
- Always ensure that the maximum over-coating time for the primer / build coat is not been exceeded prior to application.

To avoid condensation of moisture onto substrate prior to coating application, relative humidity should not exceed 85% and substrate temperature should be more than 3OC above Dew Point.

## Suitable Undercoats

Epilux 610, Epilux 78.

## Notes

- The coating specifications given above are typical. For specific recommendations to suit individual applications please refer to your Berger Paints representative.
- Do not overapply this product. Overapplication may lead to solvent entrapment and subsequent loss of adhesion on overcoating.
- This product is not suitable for contact with aromatic solvents, alcohols and other strong solvents.

## Safety Precaution

- Avoid contact with eyes and skin. Wear suitable protective clothing such as overalls, goggles, dust mask and gloves. Use barrier cream.
- Ensure that there is adequate ventilation in the area where the product is being applied. Do not breathe in vapour or spray mist.
- 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.

## First Aid

- Eyes** : In the event of accidental splashes, flush eyes with warm water immediately and seek medical advice.
- Skin** : Wash skin thoroughly with soap and water or approved industrial cleaner.  
Do Not Use solvents 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.

For further safety information, please refer to our **Material Safety Data Sheet (MSDS)**

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.

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