



## Epoxy Day Glow High Visibility Fluorescent Coating

### Technical Data Sheet

Print Date: 01.05.2020

#### Product Description

Epoxy Day Glow High Visibility Fluorescent Coating is a "Hi-Vis" finish coat for marking safety areas.

#### TECHNICAL DATA

Type: Fluorescent finish paint

Recommended Use: High visibility finish coat of heavy duty coating system for superstructures, funnel, mast etc. of ships.

Surface Preparation: All surface contamination such as dirt, grease, oil etc. must be removed.  
Can be used over suitable existing coatings.

Physical Data:

Colour:	As specified
Flash Point:	51 °C
Volume solids %:	46 ±2
VOC (Theoretical):	499 g/l.

#### Application Details:

Thinner:	CR/ACRI THINNER A
Min.Temperature:	0 °C
Max.Humidity:	85% R.H.
Application Data:	Airless spray, brush

For airless spray:

Tip No.:	Graco 515, 615, 715
Paint output pressure:	12.0 - 15.0 MPa
Thinning:	0 - 10 % (by volume)

Film thickness and spreading rate:	Min.	Max.
Film Thickness, wet:	43	65 μm
Film Thickness, dry:	20	30 μm
Spreading Rate: (theoretical)	23,0	15,3 m <sup>2</sup> l

Preferable preceding coating: ROSWAN HB QD WHITE to improve the fluorescent effect.

Preferable subsequent coating: Normally none. But additional coats will improve colour.  
SPAR VARNISH will help retain colour for longer

Packing: One Pack Product

#### Notes:



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Table with 7 columns: Temperature, Drying Time (at DFT 25 μ), Overcoating Interval (at DFT 25μ), Induction time, Pot life, Dry to launch, Remarks. Rows include temperatures from -5°C to 30°C with corresponding drying and overcoating times.

Safety Information: If Health, Safety and Environmental information is required a Health and Safety Data Sheet can be obtained from Cactus Industrial.

Personal Protection advice and additional information can be obtained from the product Health and Safety Data Sheet which is available on request. The minimum safety precautions in dealing with this paint are:

- a. Observe the precautionary notices displayed on the container.
b. Provide adequate ventilation.
c. Avoid skin contact and inhalation of spray mist.
d. If the product comes into contact with the skin, wash thoroughly with luke warm water and soap or suitable cleaner. If the eyes are contaminated, irrigate with water and seek medical advice immediately.
e. Since the product contains flammable materials, keep away from sparks and open flames. No smoking should be permitted in the area.

Definitions: Tolerances: The numerical information quoted in this Technical Data sheet is subject to normal manufacturing tolerances.
Spreading Rate: The spreading rate can vary depending on application conditions, the geometrical complexity of the structure, the weather conditions etc.
Volume Solids: The volume solids figure given in the Technical Data Sheet is the percentage of dry film obtained from a given wet film thickness under specified application rate and conditions measured by the Chugoku Standard Method corresponding to ASTM method D2697.
Overcoating Intervals: The intervals given assume preparation consistent with good painting.
Hard dry: The time taken until the product can be walked on without damaging it. Time taken until full mechanical strength is obtained is longer.
V.O.C.: Theoretical quantity of volatile organic compounds in g/l.



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### Disclaimer:

The information contained herein is to the best of our knowledge true and accurate and is given in good faith but without warranty.

The user will be deemed to have satisfied him/herself independently as to the suitability of our products for his/her own particular purpose.

In no event shall Cactus Industrial be liable for consequential or incidental damages.

This document will normally be updated at least every two years. It is the users' responsibility to ensure that they have the current copy.

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