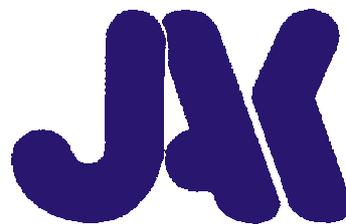


## Technical Datasheet

# Practon Light GF

VERSION 03/2002



### PROPERTIES:

An ultra high solids two-pack modified epoxy anticorrosive coating. The light colour improves visibility during application and inspection. The product contains Glass Flake (GF) for improved mechanical strength.

Highly resistant to marine and industrial environments, buried conditions, effluents, salt water, most chemicals and oils. Service temperature  $-40^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$ . Will tolerate dry heat of up to  $+150^{\circ}\text{C}$ .

### TYPICAL APPLICATIONS:

Cargo holds, ballast tanks, bridges, tanks, cofferdams etc. Generally all steel or concrete substrates requiring a high build, light coloured, water resistant coating.

### TECHNICAL DATA:

Colour:	Light Grey or Cream
Volume Solids:	89%
Specific Gravity(g/cm <sup>3</sup> ):	1.3 Mixed
Gloss:	Semi-gloss finish
Water resistance:	Excellent
Chemical resistance:	Very Good
Mechanical resistance:	Very Good
Consistency:	Lightly thixotropic. Can be sprayed to a wet film thickness of 600 microns without sagging.
Covering rate:	2,2 m <sup>2</sup> /ltr at 400 microns

### APPLICATION DATA:

Method of Application	By Airless Spray. Brush or roller may be used if necessary. NO rollers allowed on first coat.
Mixing ratio (Volume):	4 parts base to 1 part hardener
Potlife:	2 hours at $20^{\circ}\text{C}$ . For maximum "Hold Up" all paint should be used within 40 minutes.
Mixing:	Thorough mechanical stirring of the two components before and after mixing is essential.
Thinner:	Normally not necessary: If preparing washcoat use <b>Pracsolve TE</b>
Cleaning:	Xylen/Pracsolve TE

### AIRLESS SPRAY DATA:

Minimum pump ratio	44:1
Tip Size:	0.020" - 0.026"
Tip angle:	65-80°, or suitable for the job
Distance from object:	20-30 cm

### SURFACE PREPARATION:

For best result blast clean to Sa 2½ or HP Water Jet to HB 2½ M.

When blast cleaning or H.P. Water Jetting is not practicable rust, loose paint etc. should be removed by chipping, wire brushing or other mechanical means.

Dust, grease and other contamination should be removed by cleaning, if necessary using solvents or steam. Contamination from welding smoke must be removed using fresh water. (Solvents will not remove welding smoke)

It is extremely important to remove salts and chlorides from the surface. Using the Bresle test values above 40mg/m<sup>2</sup> should NOT be observed.

Practon Light GF may be applied to aged epoxy and urethane coatings providing they are sound. It is not necessary to abrade the aged coatings first.

### CONDITIONS DURING APPLICATION:

Required temperature:  $-10^{\circ}\text{C}$  to  $+60^{\circ}\text{C}$   
Maximum Relative Humidity: 100%  
Moisture in droplet form on the surface is NOT allowed when Airless Spray is used for application.

### DRYING TIME:

Touch Dry	4-6 hours at $20^{\circ}\text{C}$
Firm	12 - 16 hours at $20^{\circ}\text{C}$
Overcoating time:	Minimum 10 hours
Full Cure	5 days at $20^{\circ}\text{C}$ 10 days at $0^{\circ}\text{C}$
Cure under water	Will cure under water at temperatures above $5^{\circ}\text{C}$

### STORAGE AND TREATMENT:

Packaging: 20 Litre (16 L Base/4L Hardener)  
Flashpoint: Minimum  $23^{\circ}\text{C}$ .  
Storage life: Minimum 12 Months from date of production (Stored in Cool dry conditions).

### MATERIAL SAFETY DATA:

MSDS datasheets for base and hardener are available upon request.

Please observe health and safety labels on cans.

### SALE & TECHNICAL ASSISTANCE

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**NOTE:** The information in this datasheet is given based on our current knowledge acquired through laboratory experiments as well as real life experience. Since the paint is applied outside our control, we can only answer for the quality of the product. We reserve the right to change the technical information without further notice.