

OptiAlkydQD

Optima Coatings OptiAlkydQD is a quick drying general purpose single pack gloss alkyd paint for the protection of steel structures for internal and external exposure in light industrial environments. OptiAlkyd QD is available in various colours and is to be used in conjunction with OptiPrime Alkyd which together as a system have excellent anti-corrosion properties, good weather resistance and colour retention

Colours: Standard colours available and special colours on request.

PRODUCT USES

- OptiAlkyd QD is designed as a finishing coat on exterior wood and steel surfaces in light industrial, marine or architectural service. Good adhesion to pre-treated steel/aluminium. High opacity and easy to apply with excellent flow characteristics.

ADVANTAGES

- Good adhesion to pre-treated steel/aluminium.
- High opacity.
- Excellent resistance to corrosion and weather.
- Easy to apply with single component product, no skilled labour required.
- Excellent flow characteristics.
- Can be easily overcoated and repaired.

COVERAGE

- 9-10m² per litre per coat, resulting in a dry film thickness of 35 microns.

SURFACE PREPARATION

- Grit-blast in accordance with Swedish Standard Sa 2½ SIS 050 5900 – 1967, ISO 8501-1, the surface profile should not exceed 40 microns.
- Remove abrasive residues and dust from the surface.
- Minimum surface preparation is hand tool clean in accordance with ISO 8501 ST 2.
- Apply Optima Coatings OptiPrime Alkyd as soon as possible after surface preparation to prevent any contamination from resettling. Do not leave the blasted steel surface uncoated overnight.
- Previous suitable coat, dry and free from any contamination and sufficiently roughened if necessary.

APPLICATION

- Apply by brush, roller or spray.
- Roller type: Short mohair roller as for enamel paints
- Spray: Conventional spray or Airless
- Mixing ratio: Single Component.
- Mix well. No induction period is required.

CLEANING

- Clean tools and equipment using mineral turpentine or white spirits.

SAFETY PRECAUTIONS

- Use in a well-ventilated area with fresh-air respirators or fresh-air hoods.
- Ensure build-up of fumes does not occur.
- When used in a closed area e.g. internal lining of tanks, air circulation must be arranged. Fumes are flammable (flash point $\leq 27^{\circ}\text{C}$) and all spark sources must be removed or isolated.
- Hypersensitive people should wear protective clothing, gloves and/or barrier cream of face, hands and all exposed areas.
- If accidentally ingested, seek immediate medical attention.

TECHNICAL DATA

Pack size:	5 Litre			
Number of Components:	One			
Volume solids:	+ 33%			
Recommended D.F.T per coat:	Min: 35 micrometers Max: 50 micrometers			
Recommended W.F.T per coat:	Min: 80 micrometers Max: 110 micrometers			
Spreading rate: (Theoretical)	9-10m ² / l at 35 microns D.F.T. at stated volume solids			
Thinning:	Optima Coatings Alkyd Thinner not more than 20%			
Clean up:	Mineral turpentine or white spirits			
Substrate Temperature:	Min: 5°C, Max: 50°C			
Ambient Temperature:	Min: 13°C, Max: 43°C			
Relative Humidity:	Min: 30%, Max: 85%			
Do not apply when the surface temperature is less than 2°C above the dew point.				
Drying Time:	Temperature	Touch Dry	Hard Dry	Over coating time
	10°C	1 hour	12 hours	12 hours
	20°C	45 Minutes	6 hours	6 hours
	30°C	30 Minutes	2 hours	2 hours
Storage:	Store indoors away from direct sun at temperatures not exceeding 40°C.			

Technical details above are provided in good faith. We are an ISO 9001:2008 registered company and our products are manufactured to the highest standards using raw materials of superior quality. Consequently we believe in the quality of our products and will willingly replace any product in the unlikely event of a quality related performance failure. Whilst we are confident in guaranteeing the quality of our products, we cannot however accept any liability for performance failure due to the incorrect application of our products. Correct application is critical to the successful performance of our products and as this process falls outside of our control we are unable to cover the application under our product performance warranty. Where there are doubts, it is recommended that the user conduct their own suitability tests before use. To retain sheen and colour consistency of your paint, always make sure that the batch numbers are the same on all paint containers that you purchase.

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