

PRODUCT INFORMATION

Product Description **Megalac™ QDE COLOURS** is a self-priming topcoat specifically engineered as a protective coating to be applied directly onto metal substrates, giving the painted structure a nice architecturally pleasing look and protection from weathering forces.

Features Quick drying. Excellent metal corrosion protection properties. Good gloss and color retention. Good impact resistance and flexibility. Formulated to be applied with minimal surface preparations.

Intended Uses Can be applied directly to bare steel as “One-Coat” combined primer and topcoat specifically made to paint and touch-up **shipping containers** to protect from harsh marine environment. Excellent for painting any steel or ironwork including railings, skips, plants/factories.

Product Data

| | |
|-------------------------------|---|
| Color | COLOURS – Upon request |
| Finish / Sheen | Semi-Gloss (ISO 2813:1978) |
| Volume Solids (Mixed) | 30 ± 2.0% (ISO 3233:1998) |
| Typical Film Thickness | 30-38 microns dry (100-125 microns wet) |
| Theoretical Coverage | 3.0 m ² /L at 100 microns dft, allow appropriate loss factor |
| Method of Application | Airless Spray, Brush, Roller |
| Flash Point (Mixed) | 40°C |

APPLICATION DETAILS

| | |
|----------------|--|
| Mixing | Material is supplied in a one pack container. Mix the supplied pack using a power agitator. |
| Thinner | ENAMEL THINNER MTC 201 max of 5% by volume when necessary. Thinning is not normally required. Consult the technical representative for advice during application in extreme conditions. Do not thin more than allowed. |
| Cleaner | ENAMEL THINNER MTC 201 or other thinners/solvents (do not contaminate the paint) |

DRYING INFORMATION

| | | |
|------------------------|------------|------------|
| | 28°C | 32°C |
| Touch Dry (ISO1517:73) | 20 Minutes | 10 Minutes |
| Hard Dry (ISO9117:90) | 7-8 Hours | 2-3 Hours |
| Fully cured | 7 Days | 7 Days |



QDE COLOURS

MEGALAC™

OVERCOATING DATA

| Overcoated by: | 28°C | | 32°C | |
|-------------------------------|-----------|----------|-----------|----------|
| | Min | Max | Min | Max |
| By Itself and others as below | 7-8 Hours | Extended | 2-3 Hours | Extended |

SYSTEMS AND COMPATIBILITY

Recommended primers:

By Itself

Recommended topcoats:

By Itself and other Physically Drying Alkyd, Acrylic Paints

STORAGE AND HANDLING

| | |
|------------------|--|
| Storage | The product can be stored in sealed containers at 28 °C for a minimum of one year. Store in dry, shaded conditions, and away from sources of heat and ignition |
| Pack Size | 20 liters & 4 liters kit |

SURFACE PREPARATION

New Construction and Maintenance

The surface to be overcoated must be clean, dry, and free from contamination. Oil and grease should be removed in accordance with SSPC-SP 1 solvent cleaning. Accumulated dirt and soluble salts must be removed. Dry bristle brushing will normally be adequate. Soluble salts are removed by fresh water washing. Damaged or corroded areas should be prepared to the specified standard and patch primed with Megaprime materials.

SAFETY PRECAUTIONS

Avoid contact with skin and eyes use proper equipment when handling material (i.e., gloves, goggles, face mask, barrier creams, etc.) Wash affected skin with lukewarm water and soap or suitable industrial cleaner. If come contact with eyes, flush eyes with water for at least 10 minutes and seek for immediate medical attention.

Important Note:

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