



Technical Data Sheet

ISQ Series Quick Dry Enamel

Revision
June 2023

See your MAC Coatings distributor for specific performance characteristics or requirements.

Limitations

Excellent for application to all clean ferrous surfaces except galvanized metal. Not recommended for immersion service.

Physical Properties

NOTE: All specification data is represented as general laboratory or production results and does not necessarily constitute a specification. Values not represented as ranges are intended as typical.

Product Description

A low sheen vinyl toluenated modified alkyd enamel designed for industrial metal applications. This product dries very rapidly by air and can also be baked at low temperature schedules. It has good film hardness and is superior to conventional alkyds in resistance to alkali, acids, and water. This product can be applied directly to pretreated or solvent cleaned metal surfaces. This product will cure to a hard scratch resistant film which will provide years of durable service.

Surface Preparation

Surfaces must be dry, clean, and free of all contaminants. Mechanically remove rust and mill scale, remove oil and grease with mineral spirits or xylene. Phosphate pretreated metal substrates provide the best surface for this product. MAC Quick Dry Enamels can also be applied over fully dried alkyd primers where a more protective coating is required. Please see MAC Quick Dry Primer.

Application

Product is ready to use for spray. Touch up and repair by brush is possible. Should viscosity reduction be required, use MAC xylene reducer. For electrostatic spray, reduce the material with methyl isobutyl ketone until correct polarity is achieved. This product may wrinkle if a second coat is applied before the first has cured. It is therefore recommended that items should be painted with one full coat.

Caution

Use in well-ventilated areas. Keep out of reach of children.

The ratings and data contained herein are based on information obtained through experimental laboratory methods. They are offered in good faith, however without guarantee to individual results, as the customer's applications, requirements; conditions and methods of use are beyond our control. We recommend that the customer determine the suitability of these materials before adopting them for its own use.

P: (519) 252-7275 F: (519) 252-7278 1106 Walker Rd, Windsor, ON N8Y2N7



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Generic Type	: Modified Alkyd
Colour	: All
Sheen	: Low gloss 20-25° sheen
Cure Type	: Oxidation; Product can be force cured with heat up to 220°F (104°C)
Viscosity	: 30 - 40 seconds #4 Ford Cup
Dry Time	: Dust free 30 - 40 minutes. Between coats 3 - 4 hours at 23°C
Solids	: 40 – 50% by weight depending on colour
Coverage	: 300 - 350 ft ² Per US gallon depending on colour and application method
Recommended Film Thickness	: 2.5 mil wet, 1 – 1.25 mil dry

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