

DESCRIPTION	<p>RON-TECH DTM Industrial Enamel is a unique waterborne acrylic enamel formulated for direct-to-metal (DTM) applications. This corrosion-resistant gloss enamel is designed for use as a maintenance coating on properly prepared metal surfaces. Also suitable for use over wood, masonite, concrete and masonry surfaces. RON-TECH DTM Industrial Enamel dries to a durable, flexible, weather resistant finish.</p>
ADVANTAGES	<ul style="list-style-type: none">- Excellent adhesion to a variety of metal substrates- Superior color and gloss retention compared to alkyd-based industrial enamels- Environmentally friendly water-based formula is easy to use, with low odor and easy clean up- Dries fast, applies easily (Brush, roller or spray)
RECOMMENDED USES	<p>Maintenance of metal billboard structures, aprons and backs. For use on all types of properly prepared metal including aluminum and galvanized metal.</p>
SURFACE PREPARATION	<p>All surfaces must be clean, free from loose or peeling paint, grease, oil, dirt, rust, mill scale and other contaminants. If this procedure is not observed, the drying and adhesion of any coating will be adversely affected. Before application, putty all nail holes, caulk all cracks and open seams. Sand all glossy, rough and patches surfaces.</p> <p>Previously Painted Surfaces: Dull glossy areas by light sanding to enhance adhesion. Spot prime any bare spots with a coat of RON-TECH DTM Industrial Enamel before applying a finish coat. Previously painted surfaces in sound condition do not require a primer prior to the use of RON-TECH DTM Industrial Enamel.</p> <p>Metal Surfaces: Remove loose rust and scale with a wire brush, steel wool and/or sandpaper. All oil, grease and contamination must be removed. Acidic or alkaline surfaces should be neutralized. For maximum durability and corrosion protection, prime all metal surfaces and spot prime bare spots with Ronan Universal Metal Primer.</p> <p>Galvanized Metal and Aluminum: Surface should be wiped with solvent to remove oil and grease. A mild solution of phosphoric acid should be used for etching to assume a good bond. If acids are not available slight surface sanding will be beneficial. For maximum durability and corrosion protection, prime all metal surfaces and spot prime bare spots with Ronan Universal Metal Primer.</p> <p>Concrete: A white powdery deposit (efflorescence), often found on concrete and masonry surfaces should be completely removed with a stiff wire brush. New concrete should set four (4) to six (6) weeks before coating. All concrete surfaces should be etched with a solution of four (4) parts water to one (1) part muriatic acid. Let solution soak on surface for 15 minutes before rinsing with clean water. Allow 48 hours to dry before painting.</p> <p>Masonite: Clean surface to eliminate oil, grease and other contaminants before application.</p>
APPLICATION	<p>Follow surface preparation instructions. Stir thoroughly before and occasionally during use.</p> <p>Use any good quality bristle brush. May be applied by roller with 1/2" synthetic cover. Keep the roller wet. Roll in one direction, rewet, then cross roll. May also be spray applied with equipment intended for waterborne coatings. Refer to spray equipment manufacturer's recommendations.</p>

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RON-TECH DTM INDUSTRIAL ENAMEL

THINNING	Do not thin under normal conditions. Use at full strength for maximum efficiency. If necessary for ease of brushing add small amount of water (maximum 4 oz per gallon / 1 oz per quart). For airbrush application thin with small amount of isopropyl alcohol (maximum 3-4%).
CLEAN UP	All spatters should be removed immediately with soap and water. Equipment should be cleaned with warm water and detergent.
DRY TIMES	At 70°F and 50% relative humidity, RON-TECH DTM Industrial Enamel will be dry to touch in 30 minutes. Wait two (2) hours to handle and four (4) hours to recoat. Wait 24 hours before rolling or folding vinyl signs. Wait seven (7) days for a full cure. Dry times may take longer in cooler and/or more humid conditions.
APPLICATION CONDITIONS	Minimum temperature: 60°F Maximum temperature: 95°F Maximum humidity: 85%
FINISH	Gloss (80+ measured at 60°)
TESTING	Weather tested against several leading brands> Weatherometer QUV = 1000 hours. Tested #1.
VOLUME SOLIDS	Varies by color, 43-45%
VISCOSITY	72-77 KU at 75°F
RECOMMENDED DFT	3 mils
STORAGE TEMPERATURE	Minimum: 40°F Maximum: 95°F
SHELF LIFE	Two (2) years
VOC INFO	Varies by color but will not exceed 250 grams/liter
CAUTIONS	Read Safety Data Sheet and/or all warnings on the label before handling or using this product.
PRODUCT WARRANTY	All recommendations for the use of Ronan products are based on tests and experience believed to be reliable. It is the responsibility of the purchaser to determine the suitability of this product for its intended use. Since the methods of use, conditions of application and the application itself are beyond the manufacturer's and seller's control, product warranty is restricted to replacement of defective materials only. No other warranty, written or oral, is expressed or implied.
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