



Fontecryl 10

DESCRIPTION

A water-borne, one-component fast-drying acrylic based paint, which contains active anti-corrosive pigments.

PRODUCT FEATURES AND RECOMMENDED USES

- Overcoatable with a wide range of products, also with solvent borne products
- Not suitable for immersion or constant humidity
- Drying times can be shortened by using higher temperatures
- The product has MED (Marine Equipment Directive) certificate no VTT-C-117333-15-16 and is thus accepted for painting surfaces inside the ships
- The product has also a U.S. Coast Guard Module B number (164.112 / EC0809) type approval
- Used as a primer for interior and exterior steel surfaces

TECHNICAL DATA

Volume solids 43±2%. (ISO 3233)

Weight solids 53±2%

Specific gravity 1.2±0.1 kg / l

Recommended film thicknesses and theoretical coverage

Recommended film thicknesses		Theoretical coverage
wet	dry	
95µm	40µm	10.7 m ² /l
140µm	60µm	7.2 m ² /l

Practical coverage depends on the application method, painting conditions and the shape and roughness of the surface to be coated.

Drying time

DFT 50µm	+15°C	+23°C	+35°C
Dust dry, after	30min	20min	10min
Touch dry, after	6h	1–2 h	20min
Recoatable, after, min., see "Finish part"	24h	2–3 h	1h

Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation

Gloss Matt.

Color shades RAL, NCS, SSG, BS, MONICOLOR NOVA and SYMPHONY colour cards. Temaspeed Fonte tinting



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APPLICATION INSTRUCTIONS

Surface preparation	<p>Oil, grease, salts and dirt are removed by appropriate means. (ISO 12944-4)</p> <p>Steel surfaces: Blast clean to grade Sa2½. (ISO 8501-1) If blast cleaning is not possible, phosphating is recommended for cold rolled steel to improve adhesion.</p> <p>Zinc surfaces: Sweep blast clean with mineral abrasives, e.g. quartz sand, to an even roughness. (SaS, SFS 5873) If sweep blasting is not possible, the surface should be roughened by hand abrading or washed with Panssaripesu detergent. For hot dip galvanized surfaces see separate application instructions or contact Tikkurila Technical Service.</p> <p>Aluminium surfaces: Sweep blast clean with non-metallic abrasives to an even roughness. (SaS, SFS 5873) If sweep blasting is not possible, the surface should be roughened by hand abrading or washed with Maalipesu detergent.</p>
Recommended primers	Fontecryl 10, Temazinc EE.
Recommended topcoats	<p>Fontecryl 25, Fontelac QD 80, Fontecoat EP 50, Fontecoat EP 80, Temalac FD 50, Temalac FD 80, Temalac ML 90, Temadur 10, Temadur 20, Temadur 50, Temadur 90, Temadur HB 50, Temadur HB 80, Temadur HS 90, Fontedur HB 80, Duasolid 50, Temathane 50, Temathane PC 50, Temathane PC 80, Temacryl AR 50, Temacryl EA 50.</p> <p>After 2 - 3 h: Fontecryl 25, Fontelac QD 80, Fontecoat EP 50, Fontecoat EP 80, Temalac FD 50, Temalac FD 80 and Temalac ML 90.</p> <p>After 6 h: Temadur 10, Temadur 20, Temadur 50, Temadur 90, Temadur HB 50, Temadur HB 80, Temadur HS 90, Fontedur HB 80, Duasolid 50, Temathane 50, Temathane PC 50, Temathane PC 80, Temacryl AR 50, Temacryl EA 50.</p>
Application conditions	<p>All surfaces must be clean, dry and free from contamination. The temperature of the ambient air, surface and paint should not fall below +15°C during application and drying. Relative humidity of the air should be between 20–70%. The surface temperature of steel should remain at least 3°C above the dew point. Good ventilation and sufficient air movement is required in confined areas during application and drying.</p>
Application	<p>Stir the product carefully before use.</p> <p>For airless spraying, the product is thinned approximately 0–10%. Recommended nozzle tip is 0,011"–0,015" and pressure 100–160 bar. Spray angle shall be chosen according to the shape of the object.</p> <p>For brush application product should be thinned according to the circumstances.</p>
Thinners	Water
Cleaning of equipment	<p>Clean the spraying equipment immediately after use as follows:</p> <ol style="list-style-type: none">1. Run the equipment with water to remove excess paint from the equipment.2. Run the equipment with a mixture of approx 20% Thinner 1109 in clean water, at least two times.3. Finally wash with undiluted Thinner 1109. <p>Wash the equipment with water before starting to paint again. Unwashed equipment can cause serious surface defects.</p> <p>Contact Tikkurila Technical Service for detailed instructions for cleaning 2-component application equipment.</p>
VOC	The Volatile Organic Compounds amount is 95 g/litre of paint. VOC content of paint (thinned 10% by volume) is 85 g/l



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HEALTH AND SAFETY

Containers are provided with safety labels, which should be observed. Further information about hazardous influences and protection are detailed in individual health and safety data sheets.

A health and safety data sheet is available on request from Tikkurila Oyj.

For industrial and professional use only.

The above information is not intended to be exhaustive or complete. The information is based on laboratory tests and practical experience, and it is given to the best of our knowledge. The quality of the product is ensured by our operational system, based on the requirements of ISO 9001 and ISO 14001. As manufacturer we cannot control the conditions under which the product is being used or the many factors that have an effect on the use and application of the product. We disclaim liability for any damages caused by using the product against our instructions or for inappropriate purposes. We reserve the right to change the given information unilaterally without notice.

The product is intended for professional use only and shall only be used by professionals who have sufficient knowledge and expertise on the proper use of the product. The information above is advisory only. To the extent permitted by applicable law, we shall not approve of any liability for the conditions under which the product is being used or for the use or application of the product.

In case you intend to use the product for any other purpose than that recommended in this document without first getting our written confirmation on the suitability for the intended use, such use takes place at your own risk.