



Fontecryl PP

DESCRIPTION

A water-borne, one-component fast drying acrylic based primer containing active anticorrosive pigments.

PRODUCT FEATURES AND RECOMMENDED USES

- Can be used as an anticorrosive primer under powder coatings. The product is overcoatable with a wide range of products, including solvent-borne products
- Provides very good corrosion resistance for different kinds of machines and equipment
- Drying times can be shortened by using higher temperatures
- Suitable for spraying and dipping
- Recommended e.g. as an anti-corrosive primer under powder coatings on steel

TECHNICAL DATA

Volume solids

34±2%

Specific gravity

1.15–1.2 kg/l

Recommended film thicknesses and theoretical coverage

| Recommended film thicknesses | | Theoretical coverage |
|------------------------------|------|----------------------|
| wet | dry | |
| 45µm | 15µm | 22.7 m²/l |
| 90µm | 30µm | 11.3 m²/l |

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

Drying time

| DFT 30µm | +23°C |
|--|-----------|
| Dust dry, after | 20min |
| Touch dry, after | 30min |
| Through dry, after | 24h |
| Recoatable with powder coatings, after Note! Before overcoating all the solvents and water have to be evaporated from the primer. | 20–30 min |
| Through dry at increased temperatures after 15 min/+60°C | |

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

Gloss

Matt.

Color shades

Grey

Fontecryl PP

APPLICATION INSTRUCTIONS

| | |
|-------------------------------|--|
| Surface preparation | Oil, grease, salts and dirt are removed by appropriate means. (ISO 12944-4) 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. |
| Recommended primers | Fontecryl PP. |
| Recommended topcoats | Powder coatings. |
| Application conditions | 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. |
| Application | Stir the product carefully before use. For airless spraying, the product is thinned approximately 0–10%. Recommended nozzle tip is 0.011"–0.015" and pressure 120–160 bar. Spray angle shall be chosen according to the shape of the object. For conventional spraying, the product is thinned approximately 0–10%. Recommended nozzle tip is 1,6–2,0 mm and pressure 2–4 bar. For dip coating, the product is thinned 7–15% to the viscosity 15–20s DIN 4. Before overcoating all the solvents and water have to be evaporated from the primer. Note! The viscosity falls quickly when thinning the paint. |
| Thinners | Water |
| Cleaning of equipment | Water and Thinner 1031. |
| VOC | The Volatile Organic Compounds amount is 26 g/litre of paint. VOC content of paint (thinned 10% by volume) is 24 g/l. |

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.

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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.