



Product Data Sheet

315 FortiCoat

Fast drying high build anticorrosive alkyd zinc phosphate coating.

APPLICATION:

As anticorrosive finishing coating in colours on steel surfaces.
As a single coat system for the protection of blasted steel structures in dry, mild environments.
The product offers a good protection during the construction period, provided that sufficient film thickness will be applied.
Applicable as a one coat system for refurbishing and new building containers.
When higher demands are set for durable protection, the application of an anticorrosive alkyd based zinc phosphate primer is recommended.

WORKING PROCESS

- Thinning:** The paint can be applied with airless, airmix spraying equipment, brush and roller without thinning. Under certain circumstances a small amount of thinner X5100 can be added to obtain the correct viscosity.
- Application-conditions:** In order to obtain the right film formation, the temperature needs to be at least 5°C. The temperature of the substrate 3°C. above dew point. Keep application area well ventilated during application and drying in order to reduce evaporated solvents. This is necessary to acquire good drying conditions.
- Method of application:** Preferably by means of airless spray or airmix application. When using brushes, a different film thickness and possibly inferior flow will be achieved.

PERFORMANCES

Gloss	Eggshell Gloss
Colour	Standard colours, also chrome and lead free.
Volume solids	52 volume %
VOC	430 gr/ltr.
Density	At 20°C. 1,35 kg/ltr.
Dry film thickness	Standard: 60- 80 µm (depends on application process)
Theoretical coverage	At a dry film thickness of 60 µm 8,6 m2/ltr.
Practical coverage	The performance in practice depends on various circumstances. As a guideline for airless spraying: For large dimensions: 70% of the theoretical coverage. For small dimensions: 50% of the theoretical coverage.
Heat resistance	Maximum 120°C/248°F (dry load) White and light colours may show a permanent, slight yellowing.

Dry times: at 20°C.
Dust free after 0,5 hours. Recoatable after 0,5 hours with BariLine products, otherwise after 12 hours.
During drying and curing the relative humidity should remain under 80%. Furthermore, any contact with moisture must be avoided during this period.

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PROCESSING DATA

	Airless spray	Airmix
Thinner	X5100	X5100
Quantity	0-5 vol.%	0-10 vol.%
Spray opening	min 0,015 inch	min 0,015 inch
Flow pressure	140-160 bar	70-100 bar
Dry film thickness	60-80 µm	60-80 µm

	Brush-Roller	Air spray
Thinner	S5102	X5100
Quantity	0-5 vol %	10-20 vol.%
Spray opening		1,5-2 mm
Flow pressure		3-4 bar
Dry film thickness	60 µm	60 - 80 µm

Cleaning tools: Immediately after application using thinner X5100

ENVIRONMENT AND HEALTH

Labelling	In accordance with EU directions 67/548/EEG and in accordance with directives on hazardous materials.
	Harmful and irritating in contact with skin, eyes and by inhalation. In case of eye contact, immediately wash with large amounts of water and contact a medical expert. Do not eat, drink or smoke during application.
UN	1263

PRODUCTS INFORMATION

Packaging	20 ltr cans and 200 ltr drums. Thinner in 25 ltr cans.
Shelf-life	In original well shut packaging 12 months, stored inside at temperatures between 5°C and 40° C.
Attention	Because Baril Coatings B.V. has got no influence on the application methods and circumstances, no liability can be taken based on the above data.

WARRANTY & DISCLAIMER

The technical data and other printed information furnished are true and accurate to the best of our knowledge. The products are warranted pursuant to acceptance of limited warranty. A copy of which can be obtained from Baril Coatings, which is the exclusive warranty with respect to the sale of this product. The modification of any component or uses not outlined in this bulletin nullifies the warranty unless advance written confirmation is obtained from Baril Coatings. No other warranties expressed or implied shall apply. We assume no responsibility for coverage, performance or injuries resulting from use. Liability, if any, shall be to supply replacement materials as set forth in the limited warranty.

Baril BV Phone +31 (0) 73 6419 890
Baril USA Phone +1 260 665 8431
Baril Poland Phone +48 (0) 323700441
Baril China Phone +86 (0) 10 64413363

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