



304 FORTIPRIME ED

A quick drying one component industrial alkyd zinc phosphate primer.

APPLICATION

Anticorrosive primer, as a first coat on blasted steel substrates in an alkyd coating system. Can be overcoated directly with alkyd top coats. Can also be used as a one coat system for steel structures in indoor situations.

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.

PERFORMANCE AND PROPERTIES

Aesthetic product properties:

Gloss:	Mat
Colour:	Black, Grey, SB100.

Producteigenschappen:

Volume solids	Ca. 50 volume % (mixed product)
VOC:	450 gr/ltr.
Density:	Bij 20°C ± 1,40kg/ltr. (mixed product)
Droge laagdikte:	Standard: 60-80 µm (depends on application process)
Theoretical coverage:	At a dry film thickness of 60 µm 8,3 m ² /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)
Droogtijd bij 50% R.V. Bij een standaard droge laagdikte van 80 µm	20°C
Dust free:	30 minutes
Overschilderbaar:	30 minutes

Recoatable after 30 minutes with BarilLine 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.

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	Airspray
Verdunner	S5102	X5100
Aantal	0-5 vol. %	10-20 vol. %
Spuitopening		1,5-2 mm
Spuitdruk		3-4 bar
Droge laagdikte	60 µm	60 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 liter bussen en 200 liter vaten. Verdunner in 25 liter jerrycan en 200 liter vaten.
Shelf-life	In original well shut packaging 12 months, stored inside at temperatures between 5°C. en 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

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