

Temaprime MPH 800 Series

DESCRIPTION

A single pack, fast setting, high build zinc phosphate primer in a modified alkyd binder.

PRODUCT FEATURES AND RECOMMENDED USES

- A fast drying, extremely versatile coating for new construction.
- Suitable as a primer/finish in colours for total application in a fabricator's works for dry internals of buildings.
- Can be applied up to 150 microns dry, where traditional products would require two coats.
- Suitable for 'blast, fabricate & prime' methods under controlled workshop conditions.
- Good edge hold up and resistance to undercutting.
- Can be overcoated with chlorinated rubber or alkyd systems.

VOLUME SOLIDS

45 ± 2% ASTM D2697

FILM THICKNESS

WET MICRONS	111/333	DRY MICRONS	50/150
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THEORETICAL COVERAGE

9m²/litre @ 50 microns dry

APPLICATION

Airless spray (brush & roller at reduced film thickness)

DRYING TIMES

		10°C	23°C	35°C
DUST FREE		35 minutes	15 minutes	8 minutes
	HARD DRY	1 hr 50 mins	50 minutes	30 minutes
OVERCOATING	MIN	See below	See below	See below
	MAX	Indefinite	Indefinite	Indefinite

COLOURS

Red Oxide (MPH 893), Grey (MPH 894), BS 4800, RAL, BS 381C, NCS and TVT shades.

FINISH

Matt

POT LIFE AT 23°C

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PRODUCT WEIGHT

1.4 kg/litre dependent on colour

STORAGE CONDITIONS

Store in dry cool conditions and protect from frost

MIXING RATIO

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THINNERS

1006

PRODUCT NOTES

Do not use for immersion.
Apply to a minimum 50 microns dft.

Minimum Overcoating (@23°C):

Alkyds 4 hours when primer is 50 - 75 microns dry
 16 hours when primer is 75 - 150 microns dry

Chlorinated Rubber 72 hours when primer is 50 - 150 microns dry.

Do not overcoat with vinyl or epoxy paints.

4.00

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Steel

Degrease where necessary to SSPC-SP1 solvent cleaning to remove weld flux and general contamination prior to blasting.

All sharp edges should be ground and weld spatter removed.

Blast clean to Swedish Standard SIS 05 5900 Sa2½ or British Standard 7079 equivalent.

Minimum profile 75 microns.

Should blast cleaning be impractical, degrease where necessary and prepare to Swedish Standard St2, avoiding polishing of the surface when using mechanical tools.

Surfaces should be clean, dry and free from all grease, oil and general contamination.

SURFACE PREPARATION

HEALTH AND SAFETY INFORMATION

Refer to Health and Safety data sheets.

At all times observe precautionary notices on containers.

VOC figures are printed on Health and Safety data sheets

APPLICATION NOTES

METHOD	AIRLESS SPRAY	AUTOMATIC SPRAY	CONVENTIONAL SPRAY	BRUSH	ROLLER
OUTPUT FLUID PRESSURE	2000 - 2500 p.s.i.	No	No	Yes	Yes
TIP SIZE	15 - 21 thou				

Conventional spray - too much thinning would be necessary and film build would not be achieved.

Brush/Roller – at reduced film build of 50-60 microns dry.

Avoid exceeding maximum dry film thickness.

Only apply in conditions of good ventilation which should be maintained during drying. Do not apply when rain, mist, sleet or snow are imminent. During application and drying time of the paint coating, the surface should be dry, the Relative Humidity should not exceed 85% and the steel temperature should remain at least 3°C above the dew point.

FLASH POINT

22-32° C

EQUIPMENT CLEANER

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The information in this data sheet is correct at the time of printing.
Consult Tikkurila Coatings before applying as to the suitability for use otherwise we cannot be held responsible for conditions beyond our control.