

Temaprime MPH 700 Series

DESCRIPTION

A single pack, high solids, fast set, zinc phosphate primer or primer/finish.

PRODUCT FEATURES AND RECOMMENDED USES

- EPA Compliant as a primer/finish.
- Fast drying and overcoating at works
- Available in a vast range of colours, in addition to traditional requirements of Red Oxide and Grey.
- Formulated to be readily available in a wide colour range, this product takes the guesswork out of volume commitments for the fabricator/applicator. The 20 litre minimum order size means that continual supply throughout a contract is ensured.
- Removes problems of expensive surplus stocks from large minimum batch sizes of special colours.
- Good hold up on edges and film build versatility.
- Apply as a single coat primer/finish in colours for internal buildings such as warehousing, DIY stores, office complexes, shopping malls etc., or select a suitable 'primer/undercoat' shade to suit alkyd finish colour requirements.

VOLUME SOLIDS

58 ± 2% ASTM D2697

FILM THICKNESS

WET MICRONS 130/259

DRY MICRONS 75/150

THEORETICAL COVERAGE

7.73m²/litre @ 75 microns dry

APPLICATION

Airless Spray (Brush & Roller at reduced film thickness).

DRYING TIMES

	10°C	23°C	35°C
DUST FREE	40 minutes	20 minutes	10 minutes
HARD DRY	2 hours	1 hour	40 minutes
OVERCOATING	MIN See below	See below	See below
	MAX Indefinite	Indefinite	Indefinite

COLOURS

Red Oxide (MPH 700), Grey (MPH 701), BS 4800, RAL, BS 381C, NCS and TVT shades.

FINISH

Low sheen

POT LIFE AT 23°C

N/A

PRODUCT WEIGHT

1.46 kg/litre - may vary with colour

STORAGE CONDITIONS

Store in dry cool conditions and protect from frost

MIXING RATIO

N/A

THINNERS

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PRODUCT NOTES

Do not use for immersion.
Apply to a minimum dft of 75 microns.

Minimum overcoating times (@23°C) with Temalac ACV/AFV - 4 hours (when primer is at 75 microns dft). Allow longer overcoating times if applying at lower temperatures or higher film builds.

Overcoat using: Temalac ACV - fast set gloss.
Temalac AFV - fast set semi-gloss.
Temalac MUV - alkyd undercoat.
Temalac MGUV - alkyd gloss.
Temalac GFV - high build urethane alkyd.
Temalac UAV - normal build urethane alkyd.

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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.

Maximum profile 75 microns.

Should blast cleaning be impractical, degrease to SSPC-SP1 solvent cleaning 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	17 - 21 thou				

*Brush/Roller - may require more than one coat to achieve thickness.

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.