

Temaprime MPH 465

DESCRIPTION

A single pack phosphoric acid wash, for the pre-treatment of freshly galvanised steelwork.

PRODUCT FEATURES AND RECOMMENDED USES

- Single pack – less wastage compared to two pack types.
- Use on bright galvanised surfaces.
- Product changes colour from blue to black if treatment is effective - the change in colour is indicative of successful surface treatment.
- EPA Compliant.

VOLUME SOLIDS

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FILM THICKNESS

WET MICRONS

N/A

DRY MICRONS

N/A

THEORETICAL COVERAGE

20.0m²/litre

APPLICATION

Brush preferred for immediate reaction, dipping acceptable

DRYING TIMES

		10°C	23°C	35°C
DUST FREE		Reaction within minutes	Reaction within minutes	Reaction within minutes
HARD DRY		N/A	N/A	N/A
OVERCOATING	MIN	4 hours	2 hours	1 hour
	MAX	12 hours	12 hours	6 hours

COLOURS

Grey/Black when reaction occurs

FINISH

Matt

POT LIFE AT 23°C

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PRODUCT WEIGHT

1.0 – 1.06 kg/litre nominal

STORAGE CONDITIONS

Store in dry cool conditions and protect from frost

MIXING RATIO

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THINNERS

Water (for cleaning equipment only)

PRODUCT NOTES

Areas which have not changed colour should be removed using wet/dry fine emery type paper and solvent, then re-applied.

Caution – contains phosphoric acid.

Should be overcoated with non saponifiable coatings – consult Tikkurila Coatings for details. Do not use for immersion.

Brushes should not be allowed to stand in the product for long periods or the etching effectiveness may be diminished.

4.00

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Solvent wash to SSPC-SP1 solvent cleaning to remove oil and grease and allow to dry.
Abrade any very shiny/smooth areas using fine grade wet/dry paper to provide a key, and dust off.

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	1500 p.s.i.	No	Any suitable equipment*	Yes	No
TIP SIZE	9 – 11 thou				

*Brushing is preferred, as spraying tends to deposit a heavy film, resulting in a powdery surface which can cause loss of adhesion. If spraying, ensure that a very thin film is applied and use very small tip sizes.

It is preferable to fresh water wash after application to remove any unreacted product.

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

32°C – 55°C

EQUIPMENT CLEANER

Water

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.