

Temathane PLS (HS) Series

DESCRIPTION

A two component, recoatable, aliphatic polyurethane mid-sheen finish

PRODUCT FEATURES AND RECOMMENDED USES

- Excellent colour and UV resistance.
- Extremely tough, durable finish, combining good anti-abrasion properties with exceptional weathering characteristics.
- Indefinitely recoatable.
- Conforms in both content and performance to BS 5493.
- Approved to Highways Agency – Item 169, and Railtrack RT 98 – Item 7.3.1.
- Easily cleaned finish.
- High build properties – up to 125 microns dft.
- Suitable for urban, marine or industrial environments.
- Low temperature curing – down to minus 5°C.
- EPA compliant when applied as a finish.

VOLUME SOLIDS

58 ± 2% ASTM D2697

FILM THICKNESS

	WET MICRONS	52/516	DRY MICRONS	30/125
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THEORETICAL COVERAGE

14.5 m²/litre @ 40 microns dry

APPLICATION

Airless spray, conventional spray, brush or roller

DRYING TIMES

		5°C	10°C	23°C	35°C
DUST FREE		3 hours	2 hours	1 hour	45 mins
HARD DRY		9 hours	6 hours	3 hours	2 hours
OVERCOATING	MIN	24 hours	24 hours	12 hours	10 hours
	MAX	Indefinite	Indefinite	Indefinite	Indefinite

COLOURS

BS 4800, RAL, BS 381C, BS 2660, NCS Colours

FINISH

Mid Sheen

POT LIFE AT 23°C

4 hours

PRODUCT WEIGHT

1.4 -1.6 kg/litre (mixed) according to colour

STORAGE CONDITIONS

Store in dry, cool conditions and protect from frost

MIXING RATIO

9 parts base to 1 part activator by volume

THINNERS

1061

PRODUCT NOTES

Mix only in the proportions stated above, mixing each component separately then together using a mechanical agitator.

Use Temathane PLV Series when a full gloss finish is required.

High humidities and condensation will impair gloss.

4.00

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This product is a finish coat which should be applied over relevant Tikkurila primers or undercoats. Consult Tikkurila Coatings for advice.

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.

APPLICATION NOTES

METHOD	AIRLESS SPRAY	AUTOMATIC SPRAY	CONVENTIONAL SPRAY	BRUSH	ROLLER
OUTPUT FLUID PRESSURE	2200-2500 p.s.i.	No	Yes (see below)	Yes	Yes
TIP SIZE	13-18 thou				

Caution: contains isocyanates. Ensure adequate ventilation and wear air fed hood when spraying.

Airless Spray - up to 5% by volume thinner may be added for application under cool conditions and to apply at lower dft's. **Conventional Spray** - up to 10% thinner will be necessary. Maximum dft by this method is 75 microns. **Brush/roller** - product is suitable for both brush and roller.
Avoid exceeding maximum stated 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.