



BITHANE MS PRIMER

PRODUCT DESCRIPTION

A medium solid automotive primer.

PRODUCT FEATURES

- Excellent flow & good sandability
- High mechanical & chemical resistance
- Resistant to weathering
- Excellent adhesion
- Good sag resistance
- High filling properties
- Easy to apply

TECHNICAL INFORMATION

Colour:	Light beige
Appearance:	Matt
Generic type:	Isocyanate cured acrylic
S.G.:	1.49 – 1.50
Viscosity:	88ku
Solvent:	Hydrocarbon true solvent blend
Total solids:	55 - ± 3%
Recommended DFT:	100 microns
Spreading rate:	4 – 5m ² / litre at 100 microns DFT
Mix ratio:	4 parts A: 1 part B
Pot life :	4 hours at 25°C
Packaging:	1 & 5 litre base component, 1 & 5 litre curing agent

SURFACE PREPARATION

All surfaces are to be clean, dry ,free of dust, grease, oil, dirt & old paint before applying BITHANE MS Primer.

APPLICATION

Stir contents of Base component with a flat paddle, prior to adding the curing agent. After adding the base & curing agent together, mix with a flat paddle until homogenous.

Airless spray:	Nozzle pressure: 120 – 150 bar Nozzle orifice: 0.015"
Conventional spray:	Gravity feed air pressure: 4 – 5 bar Nozzle orifice: 1.3 – 1.5 mm
Suction feed air pressure:	4 – 5bar Nozzle orifice: 1.7 mm
Brush and Roller:	Not recommended
Clean up:	Do not allow to dry on or in equipment. Wash immediately with 2K thinners.

When spraying BITHANE MS Primer, it is essential that it be done in a well ventilated area & an AIR FED HOOD BE WORN.

ENVIRONMENT

For best performance, confine application to the following:

Surface temperature: Min. 20°C Max. 28°C

Ambient temperature: Min. 20°C Max. 28°C

Relative humidity: Min.0% Max.70%

Or at least 3°C above Dew point

Do not leave the container open, as solvent loss will result.

DRYING TIME

Substrate Temp	Touch Dry	Hard Dry
20°C	50 minutes	18 hours
25°C	40 minutes	12 hours

OVERCOATING TIMES

20°C: 8 hours

25°C: 4 hours

Full cure: 7 days at 25°C

Sanding: 20°C after 3 hours

25°C after 2 hours

STORAGE AND HANDLING

Store away from direct sunlight & severe cold.

Shelf life (unmixed) : 1year in original sealed containers.

Flash point: 11°C for both base & curing agent.

LIMITATIONS

BITHANE MS Primer contains iso-cyanates & should be handled with care. Gloves, eye protection & an air fed mask are required when spraying. The above are given as guidelines & can not e assumed to be absolute, as variances will result from different film thickness, environment & surface temperatures.

SAFETY PRECAUTIONS

This product contains flammable solvents. Keep away from sparks, open flames & ensure that no smoking is permitted in the area. Ensure good ventilation during painting & drying.

KEEPOUTOFREACHOFCHILDREN.

Information Provided is based on Laboratory evaluations and data believed to be reliable.
Recommendations are given in good faith but without warranty. It is the user's responsibility to determine the suitability for their own use.
It is not to be considered a guarantee of the products properties.

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