



DTM TECHNICAL DATA SHEET

For more info contact (016) 422-1146 or visit www.mabvaal.co.za

PRODUCT BENEFITS:

- ◆ FORMULATED FOR USE WITHOUT THE NEED OF A PRIMER.
- ◆ EXCELLENT CORROSION RESISTANCE, HARD WARENING, EXCELLENT DURABILITY AND RESISTANCE TO MANY CHEMICAL & SOLVENT SPLASHES.
- ◆ GOOD GLOSS RETENTION
- ◆ IMPACT RESISTANT: EXCELLENT
- ◆ EXCELLENT RESISTANCE TO THE ELEMENTS OF NATURE.
- ◆ HIGH DFT.
- ◆ EXCELLENT ADHESION.
- ◆ EXCELLENT UV RESISTANCE.

SUBSTRATES:

- ◆ Mild steel, Galvanised steel, Aluminium

PREPARATION:

- ◆ For best results. steel needs to be sandblasted.
- ◆ For new steel, ensure substrates are free from dust, oil, grease or any other contaminants.
- ◆ Steel needs to be abraded and cleaned with Presol.

METHODS OF APPLICATION:

- ◆ Conventional hold - 2 wet even coats @ 2 - 3 bar air pressure, 40 min flash off between coats.
- ◆ Airless - 1 or 2 wet even coats. 100- 14 bar. Pump Ratio 32:1 Tip 0.007-0.015, 40 minutes between coats.
- ◆ Air Assisted - 1 or 2 even coats. 70 - 100 bar pressure. Pump Ratio - 32:1. Tip 0.007 - 0.015, 40 minutes between coats.

MIXING RATIO:

- ◆ 4 part Paint. 1 part Hardener. 1 part Thinners

CLEAN UP:

- ◆ Lacquer Thinners



TECHNICAL DATA:

Type:	Hydroxy Acrylic Based
Gloss Level:	Good Gloss Retention
Recoating Time:	Once Fully Cured
Viscosity:	80-100ku 3min - 5min uni-thinned, depending on colour
Practical Spread Rate:	5 - 8m ² per coat @ 100 micron DFT
Specific Gravity:	1.0 - 1.18 depending on colour
Solid by Volume:	50 - 60% depending on colour
Solid by Mass:	55 - 70% depending on colour
Drying Time:	4 Hours touch dry, 24 Hours hard dry, Full cure after 5 days depending on temperature and no. of coats
Recommended DFT:	100 - 150 microns on 2 even coats - DFT depending on colour
Pot Life:	± 2 - 3 hours at 25°C depending on temperature and colour
Flash Point:	25°C

Disclaimer:

MAB DTM PU's are manufactured in such a way that they are only compatible with MAB Catalyst and Thinner Therefore we will not accept liability for product failure or any loss or damage incurred if not used with our product