

General Description:

MASDUR is a two component polyurethane material based on poly – functional saturated polyester resin. It is formulated to give a durable property, thanks for the high quality of raw materials. Furthermore, MASDUR is resistant to both extreme weather with no – yellowing effect, resistant to abrasion and provides a very smooth finish.

Major Uses:

For use on exterior and interior surfaces like steel, fibreglass, reinforced fibreglass, concrete, plastic and general masonry surfaces in an epoxy system.

Characteristics and Physical Properties:

Color	RAL / NCS / APS
Volume solids	50 – 60%
Specific gravity	1.10 – 1.25 kg/liter
Gloss (60°)	Gloss/Semigloss/Matt
Flash point	31°C
Coverage	6 – 10 m ² /liter
Storage life	12 months
Pot life	6 hours
Mixing ratio	4 : 1
Catalyst	Masdur Hardener
Thinner	PU Thinner 105 or 205
Drying time @ 25°C	
Dry to touch	2 hours
Dry hard	24 hours
Recoat	12 hours
Fully cured	5 days
DFT	50 – 60 microns

Surface Preparation:

- The substrate must be dry, free from oil, grease and other contaminants. Substrate must be thoroughly cleaned prior to the application of final coating.
- Surface must be clean, dry and free from dust, oil, grease and some foreign matters. Recommended methods for repairing steel are by Sa 2 ½ sandblasting, wire brushing and derusting.

Priming:

Steel surface should be primed with Epoprime Basecoat prior to application of MASDUR.

Recommended System:

Steel	
Epoprime Basecoat	1 coat
MASDUR	2 coats

Application Details:

Method of Application: By brush, roller airless and Conventional Spray

Spray Data:

Conventional Spray	
Nozzle orifice	2 – 3 mm
Nozzle pressure	43 – 57 psi
Dilution	15 – 25%
Airless Spray	
Nozzle orifice	0.38 – 0.46 mm
Nozzle pressure	1138 - 1710 psi
Dilution	0 - 5%
Application condition: Temperature of the substrate should be minimum 5°C	

Storage:

MASDUR should be kept in cool area below 25°C. Keep tightly close container.

Cleaning of Tools:

All tools should be cleaned with Wash Thinner or PU Thinner # 105 as soon as possible.

Packing:

Available in 1liter, 4 liter, 20 liter

Physiological Hazards:

MASDUR does not contain dangerous solvents, nevertheless, good ventilation in working rooms is recommended as well as the use of safety tools and equipment. MASDUR is flammable and harmful if swallowed. If contact with eyes or skin occurs, wash well with fresh water and seek immediate medical advice.

The above information is given to the best of our knowledge based on laboratory test and practical experience. However, as the paint is often used under condition beyond our control, we cannot guarantee anything but the quality of the paint itself. We reserve the right to change the given data without prior notice.

MAS PAINTS & CHEMICAL INDUSTRY

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Management System
ISO 9001:2015
ISO 14001:2015
OHSAS 18001:2007

