



# MASDUR

## General Description:

MASDUR is a two component polyurethane material based on poly – functional saturated polyester resin. It is formulated to give a maximum glossiness, 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 Solid	60% (mixt.)
Specific Gravity	1.20
Gloss (60°)	Gloss / Semigloss / Matt
Flash Point	31°C
Coverage	6 – 10 m <sup>2</sup> / lit.
Storage Life	12 months
Pot Life	6 hrs.
Mixing Ratio	4: 1
Catalyst	Masdur Hardener
Thinner	105/205
Dft.	50 - 60 microns.

## Application Details:

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

## Spray Data:

Conventional Spray	
Nozzle Orifice	2 – 3mm.
Nozzle Pressure	43 – 57 psi.
Dilution	5 – 10 %
Airless	
Nozzle Orifice	0.38 – 0.46 mm.
Nozzle Pressure	1138 - 1710 psi.
Dilution	0 - 5%
Application Condition: Temperature of the substrate should be min 5°C.	

## 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.

## Recommended System:

Textured Finish	
Epoprime Basecoat	1 Coat
Epotex HB (Spetter)	1 Coat.
MASDUR	2 Coats.
Smooth Finish	
Epoprime Basecoat	1 Coat.
Epoprime HB	1 Coat.
MASDUR	2 Coats.

## Drying Time:

Dry to touch	@ 25°C	2 hrs.
Dry hard	@ 25°C	24 hrs.
Fully Cured	@ 25°C	5 days.

## Storage:

MASDUR HB 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 1Ltr, 1 Usg, 20lit Pail,

## 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

P.O. BOX NO: 23085, SAJJAH INDUSTRIAL AREA, SHARJAH, U.A.E

TEL NO: 009716 5311777; FAX: 009716 5311330

Website : <http://www.mas-paints.com>

Email : [masuae@emirates.net.ae](mailto:masuae@emirates.net.ae)

