



MASDUR AS

General Description:

MASDUR AS is a two component polyurethane topcoat with maximum gloss and colour retention. Resistant to both extreme weather with no – yellowing effect, resistant to abrasion, water and chemical spillages.

Major Uses:

For use on exterior and interior surfaces like steel, fibreglass, concrete in an epoxy system with severely corrosive environment.

Characteristics and Physical Properties:

Color	As per RAL colour card
Volume Solid	50% (mixture)
Specific Gravity	1.20
Gloss (60°)	90°
Flash Point	26°C
Coverage	12.5 m ² / lit.
Storage Life	12 months
Pot Life @ 25°C	6 hrs.
Mixing Ratio	4 : 1
Recommended Catalyst	Masdur hardener
Dft.	40 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 %
Thinner	# 105
Airless	
Nozzle Orifice	0.38 – 0.46 mm.
Nozzle Pressure	1138 - 1710 psi.
Dilution	0 - 5%
Thinner	105

Application Condition: Temperature of the substrate should be min 5°C.

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.

Surface Preparation:

The substrate must be dry, free from oil, grease and other contaminants. It should clear and should be assessed and treated in accordance with the manufacture's recommendation.

MASDUR AS should be always be applied over a recommended anti corrosive coating scheme. The primer should be free from all contaminants.

Recommended System:

Textured Finish	
Epoprime Basecoat	2 Coats
MASDUR AS	1 Coat.

Smooth Finish	
Epoprime Basecoat	1 Coat.
Epoprime HB	1 Coat.
MASDUR AS	1 Coat.

Drying Time:

Drying time	@ 15°C	@ 25°C	@ 40°C
Dry to touch	2 – 3 Hrs.	1- 2 hrs.	1 Hr.
Dry hard	10 Hrs.	6 Hrs.	3 Hrs.
Over coating interval	10 Hrs.	6 Hrs.	3 Hrs

Storage:

MASDUR AS 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 1 Usg, 20lit Pail,

Physiological Hazards:

MASDUR AS 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 advise.

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