

General Description:

MASDUR AF is a two component polyurethane material based on poly – functional saturated polyester resin. It is formulated to give a maximum resistance to both extreme weather with anti fungal and colour retention properties. It is resistant to abrasion and provides a very smooth finish.

Major Uses:

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

Characteristics and Physical Properties:

Colour	As per RAL Catalogue
Solid content	60% by volume
Specific weight	1.20 kg/L
Gloss (60°)	Gloss/Semigloss/Matt
Flash point	31°C
Storage life	12 months
Pot life	6 hours
Mixing ratio	4 : 1
Catalyst	Masdur Hardener
Thinner	Thinner 105/205
DFT	50 – 60 microns
Coverage	10 – 12 m ² /L
Drying time:	
To touch	2 – 3 hours
To recoat	16 hours
Dry hard	24 hours
Fully cured	5 days
Gloss retention	Very good
Abrasion resistance	Very good
Solvent resistance	Good
Chemical resistance	Good
Flexibility	Good

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. Coated surface must be check properly for the compatibility prior to the application of Masdur AF.

Application Details:

Method of Application	Brush/Roller/Airless and Conventional Spray
Conventional Spray	
Nozzle orifice	1.5 – 2 mm
Nozzle pressure	43 – 57 psi
Dilution	5 – 10%
Airless	
Nozzle orifice	0.33 – 0.46 mm
Nozzle pressure	1138 -2100 psi
Dilution	5 – 10%
Application condition: Temperature of the substrate should be minimum 5°C and relative humidity must be 85% maximum.	

Recommended System:

Textured Finish (Concrete)	
Epoprime Basecoat	1 coat
Epotex HB (Spetter)	1 coat
Masdur AF	1 – 2 coats
Steel	
Epobuild ZP Primer	1 coat
Epoprime HB	1 coat
Masdur AF	1 – 2 coats
Galvanized Iron	
Wash Primer	1 coat
Masdur AF	1 – 2 coats

Storage:

MASDUR AF 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 AF does not contain dangerous solvents, nevertheless, good ventilation in working rooms is recommended as well as the use of safety tools and equipment. MASDUR AF 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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