



MASDUR 901 MB

General Description:

MASDUR 901 MB is a two component Acrylic polyurethane 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, hardwood in 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 | 30°C |
| Coverage | 12.5 m ² / lit. |
| Storage Life | 12 months |
| Pot Life @ 30°C | 2 –4 hrs. |
| Mixing Ratio | 5: 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 901 MB 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 | 1 Coat |
| MASDUR 901 MB | 2 Coats. |

| Smooth Finish | |
|-------------------|----------|
| Epoprime Basecoat | 1 Coat. |
| Epoprime HB | 1 Coat. |
| MASDUR 901 MB | 2 Coats. |

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 901 MB 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 901 MB 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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