

General Description:

PU FLOORCOAT is a two component polyurethane material based on hydroxylated polyester resin. It is formulated to give a maximum durability, thanks to the high quality of raw materials. Furthermore, PU FLOORCOAT 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 car refinishing coatings, aeronautic protective coating, paints for railway carriage and outdoor applications in an epoxy system.

Characteristics and Physical Properties:

Appearance	Clear	Pigmented
Solid content (A+B)	50%	55%
Specific weight	1.0	1.25
Mixing ratio	1 : 1	2 : 1
Catalyst	126	
Thinner	105 / 205	
Gloss 60°	Gloss / semigloss	
Flash point	20°C	
Pot life	6 hours	
Coverage	5 – 7 m ² / liter	
DFT	75 – 100 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.

Application System:

After the surface preparation, apply Epoxy Basecoat at a rate of 50-75 microns dry film thickness, estimate 5-6 square meter per litre. Immediately broadcast anti slip quartz.

Following cure, approximately 3 - 4 hours, remove excess aggregate with aggressive broom and vacuum procedure.

Apply PU FLOORCOAT at a rate of 75-100 microns and allow to cure for 24-36 hours prior to traffic.

NOTE: For increased skidding resistance on steep or helix ramp, other aggregates may be used in addition to anti slip quartz. Coarser quartz will result in increased dirt retention.

Drying Time:

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

Storage:

PU FLOORCOAT 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:

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

