

## MASTERCOAT PU 150

MULTIPURPOSE POLYURETHANE FOR HARD WEARING, SKID RESISTANT, FLEXIBLE FLOORING SYSTEM

### DESCRIPTION

**MASTERCOAT PU 150** is a two component top coat for exterior application suitable for concrete and masonry substrate. It is multi-layer flooring system comprising a flexible top coat and wear course. It has excellent adhesion on prime surface. It has excellent chemical and UV resistant properties.

### USES

- Car park ramps
- Car park decks
- Transport depots
- Service center
- Workshops

### FEATURE & ADVANTAGES

- Excellent Adhesion on prime surface
- UV light stable
- Good abrasion resistance
- Good chemical resistance
- Damage easy to repair

### APPLICATIONS

Mastercoat PU 150 is used as top coat for any flooring system. It is applied over prime / top coat.

### PRODUCT DATA

Type	: two components polyurethane top coat.
Composition	: Two components polyester base polyurethane cure with aliphatic isocyanate.
Mixing Ratio	: 80:20 by weight
Application	: Apply by brush/roller
Recommended DFT	: 60-75 microns per coat
Corresponding WFT	: 120-150 microns per coat
Theoretical spreading Rate	: 5.55-6.94Sq m/Kg
Dry time	
Surface dry	: 3-4 hours
Pot Life	: 1 Hr. 15 Min
Tack free	: 8-9 hours
Hard dry	: Overnight

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Over Coating Interval Min : Overnight  
Flash point : Above 25°C

### DIRECTION FOR USE

The surface has to be, sound & free from loose particles. This can be achieved by grit blasting or sand blasting or grinding and water jetting. The surface should not have moisture content of more than 4%. The surface should not contain any laitance, grease, oil or any other contamination. Use Cooksey's Masterklean range of products for the same. When applying on steel surface they should be sand or grit blasted. Small area can be cleaned with wire brush. Before applying the Mastercoat PU 150 ensure that the primer coat is dried.

### MIXING

Mastercoat PU 150 is supplied in pre measured packs ready to use on site. Stir Part I containers homogeneously because it contains pigments and then add part II catalyst in recommended proportion. Stir to a smooth, homogeneous consistency and mature the mixture for 10 minutes. It is applied on prime surface blind with anti-skid grain at an estimated rate of between 0.4-0.8 kg/m<sup>2</sup>, leave to dry for 16 hours prior to the removal of excess anti slip grain ensure that the grains are firmly embedded in it. After that, apply Mastercoat PU 150 at an application rate of 100-200 microns wft. For foot traffic allow to cure minimum 24 hours and for vehicle 5 days.

### CLEANING

Tools and equipment's should be cleaned with solvents like xylene, acetone milk etc. immediately.

**PACKING-** 30 kg bags

### COVERAGE

5.5-6.94 sq. mtr/kg/coat

### SHELF LIFE

1 year from the date of manufacture