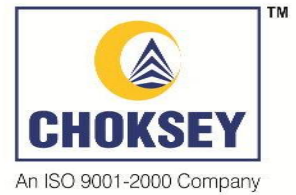


■ MASTERCOAT PU 131 (Glossy)



DESCRIPTION:

Mastercoat PU 131 is a two component acrylic base polyurethane top coat for exterior application suitable for steel and concrete substrate. It has excellent adhesion on prime surface. It has excellent chemical and UV resistant properties.

ADVANTAGE:

- Excellent Adhesion on prime surface
- UV light stable
- Good abrasion resistance
- Good chemical resistance.

SURFACE PREPARATION:

Coating performance, in general, is proportional to the degree of surface preparation. Surface must be clean, dry and free of all contaminants. Blast clean to a minimum of Sa2 ½ Swedish Standard SIS 05 5900. For severe corrosive condition, blast to Sa 3 with a surface profile not exceeding 65microns. Special care must be taken on weld areas to remove flux and spatter.

APPLICATION:

Stir base thoroughly and then mix four (4) parts base and one parts catalyst by volume to uniform consistency. Allow the mixture to maturation for 15-30 minutes and stir again before application and occasionally during use.

BRUSH/ROLLER: Apply without thinning

CONVENTIONAL SPRAY: Added up to 10 % P.U thinner depending on the condition. Use any standard equipment at an atomizing pressure of 3.5-4.2 Kg /cm²

AIRLESS SPRAY: Apply without thinning .use any standard equipment

BASIC SAFETY MEASURE:

1. Avoid direct contact of skin and eyes with liquid paint and thinner. In case of contamination, rinse with fresh running water and seek medical help at once.
2. Provide adequate ventilation in confined spaced.
3. As paint contains inflammable material, keep away from sparks and open flames. No smoking should be permitted in the area.



CLEANING:

Tools and equipments should be cleaned with solvents like xylene, acetone Mibk etc, immediately is used as top coat for any flooring system. It is applied over prime or self leveling sealer top coat.

NOTES:

1. Use off the mixed paint within the stipulated pot life period.
2. Do not apply when temperature falls below 10°C or raise above 50°C and when relative humidity raise above 90%.Do not apply during rain, fog and mist..
3. Not recommended for direct application of zinc rich primer.
4. Not recommended as tank lining.

PRODUCT DATA:

Mixing Ratio	: Base 4 parts by volume and Curing agent 1 parts by volume
Port Life	: 5-6 hrs at 30°C
Application	: Conventional spray/airless spray/Brush
Volume solid	: 40%
Recommended DFT	: 40-50 microns
Theoretical spreading rate	
40-60 microns DFT	: 8-10 sq mtr. /Ltr
Surface Dry	: within 1 hrs
Hard Dry	: Over night
Fully cure	: 7 days
Colour	: White, as per customer requirements
Finish	: glossy
Overcoat Interval (min)	: Over night
Max	: 3 days
Flash Point	: Above 22°C
Packing	: 20 Ltrs.
Thinner/ Cleaner	: PU thinner
Storage life	: 12 months as long as the sealed containers kept under cover in a dry place under normal temperature conditions

USES:

Recommended for use in new construction and maintenance services over property primed surface. An effective top coat use in marine environment, refinery, petrochemicals, fertilizer Food processing plant chemical transportation industries, pulp and paper mill, roofing, concrete wall surface, dairy factory, office blocks etc.