

Mer-Ko AUTO DECK

Waterproof Parking Deck Surfacing

DESCRIPTION:

Auto Deck is a trowel applied rubber mastic roofing system that provides membrane waterproofing together with a slip resistant urethane surface that provides protection against petroleum based chemicals. Waterproof flashing for drains and vertical surfaces is incorporated into the system. The thickness is approximately 1/8" and presents few elevation problems at doors, ramps, etc. in existing structures. Non-skid aggregates may be incorporated in the Sealer coats. Consult manufacturer for details.

USE:

Parking deck structures that require positive waterproofing.

ADVANTAGES:

- Contains no joints or seams.
- May be installed over any sound, solid, dry subsurface.
- Fire retardant.
- Will not soften under extreme solar temperatures.
- Completely waterproof as long as the membrane has not been penetrated or damaged.

LIMITATIONS:

- Will not bridge seismic or wide construction joints (Consult with a Mer-Ko technical representative for recommendations regarding these critical areas)
- Subsurface must be dry before and during application.

CONSIDERATIONS FOR INSTALLATION:

.Subsurface must be smooth. If not corrected, irregularities will reflect on the Auto Deck surface.

- In freezing climates, sufficient pitch is required to insure run-off.
- Drains must be of a design suitable to receive Auto Deck flashing (i.e. J.R. Smith DX 1250 series).
- Concrete subsurfaces must have a minimum compressive strength of 3000 psi tested by "point loading" technique.

INSTALLATION:

Work should be performed only by an applicator trained and approved by Mer-Kote Products, Inc. and must be installed in strict accordance with the Application Specifications, abbreviated below:

1. Waterproof rubber membrane re-inforced with a spunbond resilient fabric
2. A trowel applied coat of a rubber mastic bodycoat
3. Two coats of high solids urethane sealer in standard Mer-Ko color

AVAILABILITY:

MER-KO systems are installed by trained contractors located in several population centers in the U.S.

TECHNICAL ASSISTANCE:

Specification assistance is highly recommended prior to a proposed installation. Contact any MER-KOTE technical representative for recommendations.

WARRANTY:

The deck covering shall be guaranteed against faulty workmanship and/or materials for a period of two years per the installing contractor's standard warranty.

PHYSICAL & TECHNICAL DATA:

- Weight: 2 -2.75 p.s.f. at average thickness
- Fire Rating: (ASTM E-108) Class "A"
- Adhesion: (In Tension) > 650 p.s.i.
- Elongation of Membrane at Rupture: .22 ft./ft.
- Membrane Value: No seepage under water heads to 115 ft.
- Indentation Characteristics: (MIL-0-3134 F) Complies
- Coefficient of Friction: (MIL-0-3134 Paragraph 4.7.6) .08 Based on standard finish using MS2 aggregate in finish coat
- Surface Hardness: ASTM 0-2240 Durometer "D" 84
- Chemical Resistance: Excellent resistance to all petroleum products and 3% solution sulfuric acid (industrial spillage). Consult manufacturer for separate Chemical Resistance Chart.

Mer-Kote Products, Inc.