

PRODUCT DATA

PACKAGING

10 fl. oz. Cartridges

COVERAGES

Coverage rates will vary depending on use and application. Please refer to the desired System Specification for coverage rates.

COLOR

Gray

SHELF LIFE

The shelf life is one (1) year from the date of manufacture in the original, unopened container if properly stored.

TECHNICAL DATA

VOC CONTENT

49 g/L

DENSITY

1,20± 0,03 g/ml

TACK FREE TIME

20-25 min (73.4°F and 50% R.H)

CURING RATE

Min. 3mm/day (73.4°F and 50% R.H)

SAGGING

0 mm

TEMPERATURE RESISTANCE

-40°F to ±194°F

APPLICATION TEMPERATURE

55°F to 90°F

HARDNESS SHORE A (28 DAYS)

45-50

ELONGATION AT BREAK (ASTM D412)

Min. 400%

TENSILE STRENGTH

1.5-2.0 N/mm²

PAINTABILITY

Yes*

All paints should be tested for compatibility before application. Yes



PRODUCT DESCRIPTION

MK-90 Mer-Ko Polyurethane Caulking is a one-component, polyurethane sealant provides excellent adhesion to plywood, metal, glass, aluminum, FRP and most common construction substrates. MK-90 has a fast cure time with high bonding strength, excellent weatherability, non-staining, paintable, sandable, and permanently elastic.

USES

MK-90 is designed to be used anywhere a polyurethane caulking is required. It is regularly used in concert with bonderized flashing, for sealing all seams and overlaps. It is also used to fill joints and holes in concrete before applying the Weather Deck System.

ADVANTAGES

- Fast Drying
- Excellent Elongation
- Paintable
- Easy-to-gun
- Permanently flexible

INSPECTION

Surface must be structurally sound, dry, and free of laitance, oil, grease, curing agents, dirt, dust or other foreign material that may prevent proper adhesion.

PREPARATION

Please refer to the desired System Specification Sheet for further information regarding Surface Preparation. Surface should be prepared per industry standard.

APPLICATION

Please refer to the desired System Specification Sheet for further information regarding Application.

DRY TIME

Please refer to the desired System Specification Sheet for further information regarding Dry Time.

CLEAN UP

Uncured material can be removed with an environmentally-safe solvent. If cured, material can only be removed mechanically or with an environmentally-safe solvent.

CAUTION & LIMITATIONS

- The substrate surface must be structurally sound, clean, dry and free of laitance, dirt, dust, oil, grease, paint or other contaminants at the time of material application.
- Substrate and ambient temperature must be above 55°F and below 90°F during and for 24 hours following the application.
- Do not apply in inclement weather, when rain is occurring or expected within 24 hours.
- Designed for professional use.
- Always test adhesion of sealant on substrate.
- Shelf life is 1 year from manufacturer date.

STORAGE & HANDLING

Store all materials off the ground in a dry environment at temperatures between 50°F and 90°F and not in direct sunlight. Do not double stack MK-65. All materials should be stored in compliance with local fire and safety requirements. Always wear proper safety equipment, including particle mask, eye protection and gloves when mixing and/or applying these products.

HEALTH PRECAUTIONS

Inhalation of vapor or mist can cause headache, nausea, irritation of nose, throat and lungs. Prolonged or repeated skin contact can cause slight skin irritation. Wear rubber gloves and eye protection. Avoid eye contact and prolonged contact with skin. Wash thoroughly after handling. If eye contact occurs, flush with water for 15 minutes. Call a physician immediately.

DISCLAIMER

Purchaser's sole and exclusive remedy against the manufacturer of Mer-Ko, shall be limited solely to the replacement of any defective material or a payment by the manufacturer in an amount equal to the cost of the original material.