

MASTERKURE®

High solids, high efficiency, non-yellowing curing and sealing compound for concrete

DESCRIPTION:

MASTERKURE is a clear concrete curing compound which helps ensure that maximum strength, greater wear resistance and minimum dusting are achieved. This product, which provides a non-yellowing film, meets the moisture-retention requirements of ASTM C 309, "Specification for Liquid Membrane-Forming Compounds for Curing Concrete," when applied at 400 ft²/gallon (9.8 m²/liter).

MASTERKURE curing compound was specially developed to comply with Federal Air Quality Regulation 40 CFR 52.254, which regulates the atmospheric discharge of organic materials and special solvents.

RECOMMENDED FOR:

- Curing floors hardened with MASTERPLATE® F, MASTERCRON® and MAXIMENT® surface hardeners
- Use on ANVIL-TOP® toppings
- Use on EMBECO® and MASTERFLOW® grouts
- Use on cementitious repair products
- Use on plain concrete floors where a topping or dry shake is not required
- Use on colored MASTERPLATE®, LUMIPLATE® and COLORCRON®

NOTE: MASTERKURE concrete curing compound is compatible with most asphalt, vinyl asbestos, vinyl and rubber tile adhesives, however, it is strongly recommended that a test for compatibility between MASTERKURE and the particular adhesive involved (including those used on the carpet or the backing itself) be made **before** application.

FEATURES/BENEFITS:

- Can be applied to both horizontal and vertical concrete surfaces, smooth or textured, indoors or outdoors
- Efficient curing properties help increase concrete durability

PACKAGING/ESTIMATING:

MASTERKURE concrete curing compound is packaged in 5 and 55 gallon (19 and 208 liter) containers.

Although coverage rates depend on the texture and porosity of the surface, the maximum recommended coverage for effective curing and aesthetic considerations is 400 ft²/gallon (9.8 m²/liter).

APPLICATION:

A single, THIN, uniform application is extremely important. Thick or uneven applications may result in the surface having mottled appearance when the floor dries out. Use a short-nap roller-coater, airless industrial sprayer or brush. Do not add a thinner.

NOTE: MASTERKURE compound is too thick to be applied with an ordinary garden-type, pressure sprayer.

For initial curing, apply immediately after the exposed surface has hardened so as not to be marred by the application. (This is especially important in warm or hot temperatures.) In the case of formed surfaces, apply to vertical surfaces as soon as the forms are stripped.

NOTE: Quick drying occurs in areas exposed to wind, excessive heat, sun, etc. Therefore, it is important that if the surface has dried out, it should be wet down preceding the application of MASTERKURE curing compound. The surface should be saturated, but **FREE** of standing water. **Do not apply MASTERKURE compound while free water remains on the surface.**

Drying time is approximately three to four hours at 70 °F (21 °C). When dry, the treated surface is nontracking.

For cleaning this compound from rollers, spray equipment or brushes, use solvents (KB 80 or higher such as aromatic naphtha, xylene or toluene. These solvents are flammable so proper caution should be exercised, including adequate ventilation.

Consult the MASTERKURE package label for specific application instructions.

LIMITATIONS:

- DO NOT USE:
 - Where it is known in advance that the curing compound must be removed at the end of the curing period.
 - On areas that will be subjected to slab or floor surface temperatures above 150 °F (66 °C), unless the compound will be removed after curing is completed or unless a slight tackiness is not objectionable.
 - Where static-disseminating floors are involved.
 - As a bond breaker, on areas where a bond breaker has been applied or in areas where a bond breaker will eventually be applied.
 - Where bond to subsequent concrete placements is required.
 - Over industrial floor waxes. Industrial floor waxes, oil and grease must be **completely removed** prior to the application of MASTERKURE curing compound.
 - Where the floor surface temperature is below 40 °F (4 °C).
- For best performance, apply MASTERKURE compound at room temperature. If the compound has been stored at temperatures below 40 °F (4 °C), warm it to about room temperature - [60 °F to 70 °F (16 °C to 21 °C)] then agitate it thoroughly before use. Do not expose the compound to flame or direct heat for warming purposes.

- Do not apply to a floor surface with a temperature below 40 °F (4 °C).
- For best results, **stir** or **agitate** MASTERKURE compound before use. Inadequate agitation will not affect curing efficiency, but may leave some small areas with a non-glossy appearance. Glossiness can be restored by applying a second, THIN coat to the affected areas after the initial application has thoroughly dried.
- If floor or slab areas cured with MASTERKURE compound are later to be exposed to spills from hydrocarbon solvents, diesel fuels, gasoline, kerosene, paint thinners, brake fluids, etc., the compound must be removed prior to such exposure if appearance is important.
- MASTERKURE compound is flammable, therefore keep it away from heat and flame.
- Use only with adequate ventilation.
- Avoid prolonged contact with skin or breathing of vapors.
- Keep container tightly closed at all times when product is not in use.

RELATED BULLETINS:

Material Safety Data Sheet – MASTERKURE

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