



COMPLETE COATING SERVICES

Quik-Kure Fast Setting epoxy **TECHNICAL DATA SHEET**

USES

Quik-Kure Fast setting epoxy is a solvent free resin suitable as a fast curing primer or floor sealer. It is also suitable as a binder to formulate self levelling, repair or coving mortars. It is widely used on industrial or commercial floors in laboratories, showrooms, schools, plant rooms, warehouses and food processing areas.

DESCRIPTION

Quik-Kure Fast setting epoxy is formulated to give a low viscosity fast cure binder with a low odour. The product is supplied as two components, the base resin component and the hardener component and must be mixed prior to use.

ADVANTAGES

1. **Solvent free** - giving a low odour system suitable for use in food industries.
2. **Hygienic** - provides easy to clean, dust free surfaces.
3. **100% solids** for higher dry film thickness.
4. **Good chemical resistance**
5. **Wide range of applications** – primer, sealer and resin mortars.
6. **Hard wearing, good abrasion resistance, withstands foot and light vehicular traffic.**
7. **Fast reacting.**

TECHNICAL DATA

Usable time (1.0kg mix) at 20oC	-	15minutes
Minimum application temperature	-	5°C (no condensation)
Initial cure (foot traffic)	-	6 hours @ 20oC
Full cure chemical resistance,	-	4 days
Mechanical properties	-	1 day @ 20oC
Dry film thickness	-	Depends on application
Shelf life	-	36 months
Storage Temperature	-	5– 30oC
Mixed S.G @ 20oC	-	1.10 (resin & curing agent mixed together)
Mixing ratio:	-	Base: 1.75lts : Hardener 1.00lt Base: 2.00kg : Hardener 1.00kg <i>(by weight)</i>



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COVERAGE

10.5kg unit of *Quik-Kure Fast setting epoxy* will cover approx 70m² – 80m² (without thinners)

Refer to *Quik-Kure Fast setting epoxy* application sheets if using a mortar binder.

CHEMICAL RESISTANCE

Quik-Kure Fast setting epoxy is resistant to a wide range of chemicals, we recommend that any specific chemical resistance properties should be cleared with our Technical Department before use.

COLOUR RANGE

Quik-Kure Fast setting epoxy is available in transparent only.

SURFACE PREPARTION

New concrete should be at least 21-28 days old and moisture content less than 5%. The substrate should be clean, free from laitance, oil, grease or anything that might impair adhesion. Techniques should include one or more of the following, depending on how contaminated the substrate is: sanding, light mechanical scabbling, blasting, grinding or degreasing.

MIXING

Quik-Kure Fast setting epoxy should be thoroughly mixed in the proportions supplied using a slow speed drill. Add the full contents of curing agent part B to the contents of resin part A and mix thoroughly (3 minutes) using a slow speed drill. Product will start react within 15 minutes so apply quickly.

PRIMER/FLOOR SEALER

Prime surfaces which are very porous. Priming strengthens surface and can prevent air blisters in subsequent coatings. *Quik-Kure Fast setting epoxy* may be thinned with 5% epoxy thinners when using for priming. When thinners are used avoid ponding on the floor and allow *Quik-Kure Fast setting epoxy* to cure before applying subsequent coats. When mixing the primer should be applied in a thin, continuous film before using a brush or roller. Work the primer well into the surfaces of the concrete taking care to avoid puddling or over application. Please note very porous substrate may require two coats of primer.



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Over coating should take place as soon as possible to achieve good inter coat adhesion properties, preferably within 24 hours. If more than 1 day elapses between coats, abrade the surface lightly before re-coating. We recommend a minimum of two coats of ***Quik-Kure Fast setting epoxy*** for long term protection and to gain the required thickness.

CLEANING

Quik-Kure Fast setting epoxy resins may be removed with thinners when uncured. Must be mechanically removed when cured. Do not use thinners to remove resin from the skin.

HEALTH & SAFETY

It is recommended that barrier creams, gloves and protective clothing be worn when using ***Quik-Kure Fast setting epoxy*** products. If eyes are affected wash with copious amounts of cold water and seek medical advice. For hands wash with soap and water. ***Quik-Kure Fast setting epoxy*** is intended to be applied by professional applicators.