

MITCHEPOKOTE 500

Epoxy Floor Coating

DESCRIPTION

MITCHEPOKOTE 500 is two packs, solvent free epoxy floor coating. It can be applied up to 500 microns. It is designed to protect concrete floors and timber in light to medium duty situations.

USES

MITCHEPOKOTE 500 gives good general protection to concrete floors in light to medium duty situation. It is easy to clean, chemical resistant floor coating with non-slip finish and can be back rolled with fine aggregate for further strength. Typical uses include laboratories, showrooms, hospitals, manufacturing Fish, meat and food processing, commercial kitchens, beverages & pharmaceutical plants and warehousing areas subjected to heavy foot and rubber wheel traffic.

BENEFITS

- Attractive, enhances working environment
- Seamless and hygienic finish, no crevices where dirt and bacteria can dwell.
- Hygienic – easy to clean.
- Non-tainting, non-dusting, abrasion resistant.
- High build, up to 0.5 mm in one coat.
- Excellent chemical resistant to acid and sugar.
- Easy to maintain, solvent free, low odor.
- Economical and Fast installation

COVERAGE

50 Grams / SFT at 500 micron thickness

PACKAGING

5 kg & 20 kg packs, consisting of Base A and Hardener B.

COLOR & FINISH

Available in standard range of colors in Gloss / textured (back rolled) finish.

Batch to batch color variation may occur. Ensure that materials for final application are always drawn from the same batch.



SPECIFICATION

SURFACE PREPARATION

All residues must be removed to provide a dry, dust free open textured surface. Damaged areas / cracks in substrate and moving joints should be leveled with **MITCHFLOOR EP (EPOXY SCREED)**. If substrate movement occurs after application **MITCHEPOKOTE 500** will reflect the cracks

Concrete or screed substrate should be a minimum of 25 N/mm² and above 10 °C, free from laitance, dust and other contamination. The substrate should be dry to 75% RH as per BS 8204 and free from rising damp and ground water pressure. Water proofing products can be incorporated directly beneath the **MITCHEPOKOTE 500** system.

PRIMING

All kind of substrates require at least one coat of **MITCHEPO PRIMER**. Porous substrate may require two coats.

Note: Uneven floors may need leveling before application of prime coat otherwise its impressions will be visible on **MITCHEPOKOTE 500** final surface.

MIXING

Pack components are pre-weighed for optimum performance. Never split or proportion packs. Do not mix by hand. Add Hardener **B** and Base **A** container. Mix with a slow speed drill for 2 minutes, taking care not to entrain air. Aggregate would be added to if back rolled textured finish is required.

MITCHEPOKOTE 500

Epoxy Floor Coating



APPLICATION

MITCHEPOKOTE 500 should be immediately applied after mixing using a brush over primed substrate. Alternatively it can be spread through squeegee and finished through roller. All undulation, laitance, oil, grease or debris should be removed before priming the substrate to ensure good adhesion.



Good ventilation and air movement is essential to assist drying especially in damp atmosphere.

SLIP RESISTANT FINISH

Where superior slip resistance and load bearing surface is required **MITCHEPOKOTE 500** is rolled with selected aggregates. This back rolled application ensure excellent slip and chemical resistant surface.

SYSTEM PERFORMANCE GUIDE

The table shows how well the system complies with different characteristics. Complies with BS 8204-6/FeRFA category 5.

5 Excellent, 4 Very Good, 3 Good (Pass), 2 Fair, 1 Poor

Fire Safety	4	Impermeability	5
Slip Resistance	2	Clean ability	5
Impact Resistance	2	Wear Resistance	3
Thermal Resistance	3	Chemical Resistance	4
Heavy Traffic	3	Scratch Resistance	2

TECHNICAL INFORMATION

Impact Resistance	< 0.5 mm
Abrasion Resistance	< 0.02 mm C&CA Abrasion resistance test as per BS8204
Water Permeability	Nil (impermeable)
Bond Strength	Cohesive strength of concrete.
Decontamination Classification	Good (BS4247:Part1: Test A)

SPEED OF CURE

	10 °C	20 °C	30 °C
Pot Life	80 min	40 min	25min
Light traffic	48 hrs.	24 hrs.	24 hrs.
Full traffic	72 hrs.	48 hrs.	48 hrs.
Full chemical cure	12 days	7 days	7days

AFTERCARE - CLEANING AND MAINTENANCE

Clean regularly using a single or double headed rotary scrubber drier in conjunction with a mildly alkaline detergent.

MITCHEPOKOTE 500 can easily be reapplied over abraded surface after extensive use to revive it original appearance and finish.

HEALTH & SAFETY

Some of the components of this product may be hazardous during mixing and application, please take all precautionary measures to avoid any contact with eyes, mouth, skin and foodstuff. For further information consult the relevant health & safety data sheets.