

# MITCHEPOKOTE 300

## Epoxy Floor Coating

### DESCRIPTION

**MITCHEPOKOTE 300** is two packs, solvent free epoxy floor coating. It can be applied up to 300 microns. It is designed to protect concrete floors and timber in light to medium duty situations.

### USE

**MITCHEPOKOTE 300** gives good general protection to concrete floors in light 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 0.3 mm in one coat.
- Excellent chemical resistant to acid and sugar.
- Easy to maintain, solvent free, low odor.
- Economical and Fast installation

### COVERAGE

30 grams / SFT at 300 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 300** will reflect the cracks

Concrete or screed substrate should be a minimum of 25 N/mm<sup>2</sup> 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 300** system.

#### PRIMING

**MITCHEPOKOTE 300** do not need any primer if being applied in two coats.

#### 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.

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## APPLICATION

**MITCHEPOKOTE 300** should be immediately applied after mixing using a brush. Alternatively it can be spread through squeegee and finished through roller. All undulation, laitance, oil, grease or debris should be removed before from substrate to ensure good adhesion.



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

<b>(A) Technical Data</b>	
<b>Liquid mixture (A+B)</b>	
1. Solids content	97 %
2. Solvents / additives	3 %
3. Density (20°C)	1.38 g/cm <sup>3</sup>
4. Viscosity (20°C)	1500–2300 mPas

<b>(B) Technical Data</b>	
<b>Cured material</b>	
1. Adhesive pull strength (DIN ISO 4624)	> 3.5 N/mm <sup>2</sup>
2. Abrasion resistance (DIN 53754 / ASTM D 1044)	74 mg/1000 cycles
3. Shore-D-hardness (DIN 53505 / ASTM D 2240)	72
4. Light-fastness (DIN EN ISO 105-B02)	6 (Scale 1–8, 8=best)

## 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 300** can easily be reapplied over abraded surface after extensive use to revive its 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.