



# GemCo Limited

## Specialty Epoxy Products

### 4.160 GEMTREAD NON SKID COATING

#### Composition and Properties

- **GEMTREAD** is a solvent free, low slip, self leveling two pot epoxy floor coating.
- It is formulated to give a hard , flexible, non skid coating which is capable of handling most floor traffic.
- It is formulated for areas which require low slip such as decks , factory floors, changing rooms, toilet & shower blocks etc.
- Tested to AS/NZS 3661:1993, Part 1 – Slip resistance of Pedestrian surfaces.

#### Physical properties

- Appearance: Base – clear or pigmented liquid
- Hardener – clear or pigmented liquid
- Odour: low odour
- Solids: 100 %
- Coating Type: Epoxy
- Packaging: 2 & 4 litre , two part pack
- Mix ratio: 1:1
- Pot Life: 1/2 hour approximately at 20 degrees Celsius (100g mix)
- Coverage: 2-3 sq metres/litre typical (will vary with on substrate)
- Dry to Recoat: Typically overnight - will vary according to temperature & humidity
- Dry hard 24 - 48 hours for light foot traffic typical, 7 days full cure - will vary according to temperature & humidity
- Shelf Life 12 months unopened
- Clean up Use GemCo epoxy clean up solvent or similar

#### Surface Preparation

##### General

- Remove oil, grease , and other contaminants with GEMPREP 2000 or suitable degreaser and allow to dry.
- Concrete - concrete to have cured 28 days then remove laitance with GemCo Acid Etch or grinding.
- Steel – grind to remove loose rust, scale, and old paint
- Wood – sand to roughen surface and remove old paint residues
- Aluminium – grind to expose bright aluminium and give a good key then coat **within** 1 hour.
- All surfaces must be clean, dry, sound, free from oils, waxes, rust, anti rust treatment, loose matter, and other contaminants which may affect adhesion and life of product before coating.
- All cracks ,holes, sharp protrusions, must be smoothed before coating.
- A test patch is recommended on doubtful substrates.
- Note: aged **GEMTREAD** can be recoated if it is thoroughly cleaned with GEMPREP 2000.

#### Method of Application

- Mix hardener & base separately then add 1 part hardener to 1 part base and thoroughly mix using a drill with a mixing blade.
- **GEMTREAD** is preferably applied by brush & roller.
- Apply non slip until completely covered – remove excess when cured.
- Dry to recoat is normally overnight but will vary depending on temperature & humidity.
- Cure time can be reduced in small areas by application of localised heating (40 ° C).

#### Handling Precautions

- Avoid contact with eyes and skin. Do not ingest. Use with adequate ventilation.
- Protective clothing ,eye protection, and gloves should be worn. Avoid inhalation of vapour.
- Use a respirator with organic cartridge when spraying. Keep away from children.

1/5/03

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