



# GemCo Limited

## Specialty Epoxy Products

### 4.150 GEMCOAT EFS EPOXY FLOOR SEALER

#### Composition and Properties

- GEMCOAT EFS is low viscosity, two pot epoxy sealer for porous substrates such as concrete floors.
- It is formulated at low viscosity to allow penetration into porous surfaces.
- GEMCOAT EFS can then be overcoated with GEMCOAT EFC epoxy floor coating.
- It has low temperature cure and will tolerate damp surfaces and less than perfect surface preparation.
- It can be used for waterproofing concrete and is suitable for total immersion.
- It can be used for bonding new concrete to old concrete

#### Physical properties

- Appearance: Base - low viscosity clear liquid  
Hardener - amber colored low viscosity liquid
- Odour: low odour
- Flammability: flammable
- Solids: 100%
- Coating Type: Epoxy
- Packaging: 2 or 8 litre ,two part pack
- Mix ratio: 1:1
- Pot Life: 1/2 hrs at 20 degrees Celsius (100g mix)
- Coverage: 5-10 sq metres/litre (theoretical - depends on substrate)
- Dry to Recoat: Typically overnight - will vary according to temperature & humidity

#### Surface Preparation

- All oil, grease , and other contaminants must be removed (GEMPREP 2000 is recommended).
- Loose rust, scale, and old paint must be removed.

#### Method of Application

##### Mixing

- GEMCOAT EFS is a 2 pot product.
- It comes in a 2 part pack with correct ratio of ingredients.
- Add hardener to base and thoroughly mix - a drill with a mixing blade is recommended.
- GEMCOAT EFS is applied by spray, brush , or roller.
- Rolling & brushing is preferred method of application.
- Dry to recoat is normally overnight but will vary depending on temperature & humidity.
- GEMCOAT EFS is normally overcoated with GEMCOAT EFC epoxy floor coatings.

#### Handling Precautions

- Avoid contact with eyes and skin. Do not ingest. Use with adequate ventilation.
- Protective clothing ,eye protection, and gloves should be worn.
- Do not breathe vapor or spray. Keep away from children.

1/2/98

The information provided is accurate to the best of our knowledge. We can not however anticipate all conditions under which this information and our products may be used. We therefore accept no responsibility for results obtained by the application of our products, or for their safe use and suitability. GemCo Limited sells these products without warranty and buyers and users assume all responsibility and liability for loss or damage arising from the handling and use of our products.

60a Enterprise Drive, Papamoa Beach, Papamoa 3118. P.O. Box 4274, Mt Maunganui South, New Zealand. Phone +64 7 542 2418 Fax +64 7 542 2419 E-Mail [info@gemco.net.nz](mailto:info@gemco.net.nz) Website: [www.gemco.net.nz](http://www.gemco.net.nz)