



# JOVEX

## Epoxy Flooring Primer Technical Service Data Sheets

### Deskripsi Produk

Epoxy Flooring Primer is solvent free formulated with modified epoxy resin and well-graded filler, silica, pigment to provide high impact, abrasion resistance and excellent adhesion to metal and concrete surfaces. Suitable for application as a metal, concrete primer/basecoat, chemically resistant in production areas, shoes production, pharmaceutical production, helmet production, workshops, traffic decks, water treatment plants and other areas with chemical spillage

### Mixing Ratio

- 3 Parts Epoxy Primer
  - 1 Part Hardener
- Epoxy Primer by volume.  
Epoxy Hardener by volume

### Technical Information

- Color and Texture : Grey
- Specific Gravity 25° C : 1,25 Kg/Litre
- Volume Solids : 50 % - 52% %
- Pot Life : ± 6-7 hours at 25° C after mixing Hardener
- Coverage Theoretical : ± 8-10m<sup>2</sup>/Litre/set @ 50 micron dry film thickness (flat surface)
- Drying Time : Dust Free ± 1 Hour at 25 C°  
Hard Dry ± 6 Hours at 25 C°  
Fully Cured ± 24 Hours at 25 C°
- Recommended DFT : 200 - 300 microns
- Standard Packing : 15 L / Pail with Hardener 5 L/ Gallon
- Supplied in separate container as Base and Hardener

### Advantages

- Two coat application
- Penetrating primer
- Excellent adhesion
- High build to use over mechanically prepares substrates
- Easy to apply

## NEW & OLD CONCRETE

The new concrete surface must be allowed to cure for minimum 30 days. Any holes or cracks must be filled with Epoxy Bonding Clear mix with Silica Sand.

The old concrete holes and cracks should be clean and fill with Epoxy Bonding Clearmix with Silica Sand.

## Application Method

### SURFACE PREPARATION

All surfaces must be dry thoroughly, remove residual oils, greases, waxes, and other contaminants that can interfere with adhesion and develop a surface roughness to promote a good mechanical bond.

### MECHANICAL ABRASION

Preparation consists of the use of mechanical tools and equipment designed to abrade or chip away the surface of the concrete. Dust-free diamond grinders have become popular because of ability to remove multiple contaminants quickly.

### APPLICATION OF MIXING

The entire contents of hardener container must be poured into the base container and the two materials mixed thoroughly for at least 3 – 5 minutes. Use a heavy-duty slow speed power drill with mixing blade. Mix the two components in the quantities supplied taking care to ensure hardener container is scraped clean.

### APPLICATION OF EP PRIMER

After mixing immediately pour a substantial portion of mixture onto the floor and spread with a rubber squeegee, using sufficient pressure to work the primer into the porous surface. Immediately back roll the material with a solvent based roller and spike roller on the surface. The primer must be tack free before top coating. If pinholes or porosities are evident after the initial cure of primer, re-priming may be necessary, especially on very porous concrete.

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