



# JOVEX

## Epoxy Self Leveling Technical Service Data Sheets

### Deskripsi Produk

Epoxy Self Leveling is solvent-free high build Topcoat epoxy flooring formulated with 100% epoxy resin and well-graded silica, pigment to provide high impact, abrasion resistance and excellent adhesion to different surfaces. Suitable for application on high build heavy duty, chemically resistant in production areas, shoes production, pharmaceutical production, helmet production, workshops, showrooms, kitchens, car parking, traffic decks, water treatment plants and other areas with chemical spillage.

### Mixing Ratio

- 3 Parts EPOXFT-503 Topcoat Epoxy Flooring by volume.
- 1 Part FTTHR-SELF LEVEL Topcoat Epoxy Floor Hardener by volume

### Technical Information

- Color and Texture : By request
- Specific Gravity 25° C : 1,1 - 1,2 Kg/Litre
- Volume Solids : 100 %
- Pot Life : ± 4 hours at 25° C after mixing
- Coverage Theoretical : ± 5 - 6 m<sup>2</sup>/Litre @ 100 micron dry film thickness
- Drying Time : Dust Free ± 3 Hours at 25 C°  
Hard Dry ± 24 Hours at 25 C°  
Fully Cured ± 48 Hours at 25 C°
- Recommended DFT : 500 - 3000 microns
- Standard Packing : 15 Litre/pail with Hardener 5 Litre Gallon
- Supplied in separate container as Base and Hardener

### Advantages

- High impact resistance
- Solvent free
- Hard wearing and abrasion resistant
- High chemical and oil resistance
- Low maintenance costs
- Easy clean
- Glossy finish surface

## **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.

#### **Marketing Office**

Prapatan Srengseng Raya Blok 8D  
Jakarta Barat - Indonesia  
Tel : (+62-21) 5840513 - Fax : (+62-21) 5858729

#### **Head Office**

Jl. Industri III Blok AC No.5a  
Jatake-Tangerang, Indonesia  
Tel : (+62-21) 5930 4186 - Fax : (+62-21) 5930 4187

#### **Branch Office**

Taman Kopo Indah II Blok 2A/39  
Bandung - Indonesia  
Tel : (+62-22) 85448376 - Fax : (+62-22) 5421290