



## JAZEPRIME – EP 10

### 2-Component, Solvent-free (100 %), Low Viscosity, Epoxy Resin-based Penetrating Primer & Sealer

#### Product Description

JAZEPRIME – EP 10 is 2-component, solvent-free (100 % solid), low VOC, odourless, low viscosity penetrating epoxy resin-based primer and sealer. It is formulated to prime & seal concrete and masonry substrates for high performance applications. It is used as a part of flooring systems with high adhesion to porous concrete surfaces.

#### Uses

JAZEPRIME – EP10 is formulated - as a low viscosity- to prime & seal concrete and masonry substrates and as a part of the flooring systems in:

- As a primer for under all epoxy coats and epoxy floors.
- To bond epoxy flooring to concrete, steel, and masonry products.
- Sealing concrete substrates providing more protection against the chemical reagents, water and water-soluble salts.
- Sealing the epoxy mortar screed

#### Advantages

- Easy to apply by suitable brush or roller.
- Low VOC, odourless, non-toxic.
- Low viscosity, excellent penetration power.
- Excellent adhesion to concrete & masonry substrates.
- Superior adhesion to dry & damp surfaces with excellent tensile & flexural strengths.
- Resists amine blush even at low temperatures and high humidity.
- Zero induction time.
- Formulated for the Middle East Climates.

#### Technical Properties

<b>Appearance</b>	Clear liquid (mixed materials)
<b>Specific Gravity @20 °C</b>	1
<b>Solid Content</b>	100 % by weight
<b>Application temperature</b>	5 – 50 °C.
<b>Pot-life @ 25 °C</b>	70-minutes.
<b>Full cure @ 25 °C</b>	7-days
<b>Bond Strength to concrete</b>	4 N / mm <sup>2</sup> .
<b>Coverage</b>	0.20 Kg per m <sup>2</sup> depending upon the conditions of the substrate and ambient temperature.

#### Guide for Applications



### Surface Preparation

All surfaces shall be sound, clean free from dust, grease & oils, curing agents & mould releasing agents or other materials may affect the bond of the product and the substrates.

Steel or metal surfaces should be free from rust, scale or other contaminants.

### Mixing

Stir each component of JAZEPRIME- EP 10 well before mixing. Pour Component A into the Component B and mix well for 2 -5minutes until uniform consistency & colour is achieved.

### Application

Apply the mixed materials of JAZEPRIME –EP10 onto prepared substrates using suitable brush, roller or airless spray method for large areas

### Cleaning

Clean tools, equipment after work immediately with Solvent Xylene.

### Packaging

JAZEPRIME – EP 10 is supplied in 3- Kg or 12-Kg Pack size.

### Storage

JAZEPRIME – EP 10 shall be stored in normal conditions away from any extreme temperatures,

### Shelf-life

Shelf – life is 24-monthes at least if stored properly in well-closed containers.

### Health & Safety

- JAZEPRIME – EP 10 is non-toxic, non-hazardous during handling, storage and use.
- For Ecology: Do not dispose directly to water or soil. Mix with plenty amount of sand before this to comply with the local regulations.
- Splashes on skin will be washed with water and soap.

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### JCC CONSTRUCTION CHEMICALS

The information herein is general information to assist our customers in determining whether our products are suitable for their specific applications. Our products are intended for sale to commercial and industrial customers. We require that customers should inspect and test our products before use to satisfy themselves as to the content and suitability for the application they intend to use our products for.

JCC endeavors to ensure that any advice, recommendation, specification of information in accurate and correct manner.