

JAZEFLOOR – SL 1000

2-Component, High Performance, Solvent-free, Self-leveling, Abrasion & Chemical resistant Epoxy Resin-based Floor topping with 0.5 – 1.5 mm Thick

Product Description

JAZEFLOOR – SL 1000 is 2-component, solvent-free (100 % solid), self-smoothing & levelling, epoxy resin-based high-build, high performance, chemical & abrasion resistant floor continuous protective coating. It is formulated to provide dry film thickness between 0.500 and 1.50 mm. It will provide after application and curing a durable protective, sealing & decorative mortar with an excellent abrasion and impact resistance that is easy to-clean surface finish. It is based on selected epoxy resin & special hardeners and selected hard aggregates. The product is available in wide range of standard colours or any colour upon request.

Uses

JAZEFLOOR – SL 1000 is formulated to provide slip resistant, abrasion resistant, chemical resistant continuous floor protective coating. It will adhere well to both dry and damp concrete & masonry surfaces. It suitable for areas where thick film is required such as:

- Industrial areas.
- Soft drink factories
- Workshops & garages.
- Dairies.
- Kitchens.
- Pharmaceutical plants
- Showrooms.
- Storage areas
- Food processing areas.
- Car parks
- Laboratories.
- Clean rooms
- Traffic decking.
- Hospitals.

Advantages

- Easy to apply by suitable brush or roller.
- High build, DFT: 0.5 – 1.5 mm.
- Does not support the growth of bacteria.
- Solvent-free (100 % Solid), odourless.
- Highly durable.
- Excellent abrasion and impact resistance.
- Hygienic, impervious.
- Provides easily cleaned surfaces.
- Excellent adhesion to sound concrete & masonry substrates.
- Excellent adhesion to old & new and dry & damp surfaces.
- High chemical resistant to most common chemical reagents.
- Formulated to be suitable for the Middle East Climates.

Technical Properties

Appearance	Pigmented free flowing liquid (mixed)
Specific Gravity @20 °C	1.50 – 1.60
Solid Content	100 % by weight
Pot-life @ 25 °C	70 minutes.
Full cure @ 25 °C	7-days
Wet & dry film thickness	500 - 1500 microns per coat



Abrasion resistance 70 mg as per as Taber Abrasive , 1000 grams / 1000 revolution.
Bond Strength 3 N / mm².

Chemical Resistance JAZEFLOOR – SL 1000 has been tested for chemical resistance to a comprehensive range of industrial & domestic chemicals. After constant immersion for 90-days @ 35 °C in accordance with ASTM D-2240 (Shore D hardness), the results are:

<u>Acids</u>			<u>Alkalis</u>		
Hydrochloric	20 %	Excellent	Sodium hydroxide	20 %	Excellent
Sulfuric	20 %	Excellent	Sodium Carbonate	20 %	excellent
Nitric	20 %	Good	Ammonia	10 %	Excellent
Acetic	10 %	Excellent	Potassium Hydroxide	20 %	Excellent
Lactic	10 %	Excellent	Sodium Hypochlorite	15 %	Excellent
Citric	10 %	Excellent			
<u>Solvents & Oils</u>					
Ethanol		Excellent	Soya Bean Oil		Excellent
Ethyl Glycol		Excellent	Vegetable Oil		Excellent
White spirit		Excellent	Detergent		Excellent
Petrol & Diesel Oil		Excellent	Fat		Excellent
Coconut oil		Excellent	Milk		Excellent
Cotton Seed Oil		Excellent	Pine Oil		Excellent
Soya Bean Oil		Excellent	Linseed Oil		Excellent
Silicates		Excellent	Water		Excellent

Coverage About 1.5 m² / Kg / mm thickness

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.

Priming

JAZEPRIME- EP 10 shall be used prior to the application (See separate data Sheet)

Mixing

Stir each component of JAZEFLOOR – SL 1000 well before mixing. Pour Component A into clean vessel, then pour Component B and mix well till homogeneity, then add Component C while mixing and continue mixing till homogenous consistency & colour self-levelling free from lumps is achieved. Electric drill with low speed (400- 500 rpm) is recommended.

Application

Pour the mixed materials onto prepared & primed substrates while the primer is still tacky (wet on wet). After laying the mixed material, remove the entrapped air using spiked roller



Packaging

JAZEFLOOR – SL 1000 is supplied in 10 or 20- Kg Kits.

Storage & Shelf-life

JAZEFLOOR – SL 1000 shall be stored in normal conditions away from any extreme temperatures, Shelf – life is 24 months if stored properly.

Health & Safety

- JAZEFLOOR – SL 1000 non-toxic, non-corrosive, and non-dangerous.
- For Ecology: Do not dispose directly to water or soil. Mix Component A with Component B and wait till hardening, then bury in landfill in accordance with the local regulations.
- Splashes on skin will be washed with water and soap.

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.