

## **KSCREED COLOR QUARTZ** **DECORATIVE, ABRASION RESISTANT MULTI COLOURED EPOXY SCREED**

### **BENEFITS**

- Impermeable
- Very good chemical resistance
- Abrasion and impact resistant .
- Hygienic and easily cleaned.
- Slip resistant.
- Unlimited number of colour possibilities.

### **DESCRIPTION**

**KSCREED COLOUR QUARTZ** is a three component, multi-coloured Quartz-based, Epoxy resin floor system. It provides a hard wearing, non-slip, chemical resistant floor topping of aesthetically pleasing appearance. An attractive standard range of colour mixes exists, although individual designs can be custom made.

**1) Durable :** Exceptional resistance to abrasion and chemical

**(2) Non slip:** Good gripping surface to both vehicular and pedestrian traffic.

### **PROPERTIES**

**Pot Life @ 30°C:** 45minutes.

**Curing Times:** Light foot traffic after 24 hours @ 30°C. Full trafficking after 72 hours @ 30°C.

**Thickness:** Minimum 4mm.

**Compressive Strength:** 65N/mm.

**Flexural Strength:** 30N/mm.

**Temperature Range: In Service:** -20°C to + 60°C.

**During Application:** 3°C to 40°C.

**Chemical Resistance:** Excellent resistance to dilute acids and alkalis, oil, petrol, diesel, vegetable oils & fruit juices. For specific advice please consult our technical section.

**Tensile strength** = 14 N/mm<sup>2</sup>

### **APPLICATION**

#### **Surface Preparation :**

Concrete shall be a minimum of 21 days old and/or the residual moisture content shall be below 6%. Ensure that the concrete is clean and free from dust, laitance, grease, oil, curing compound, existing paint finishes, etc. Blow holes and defective concrete shall be made good using a proprietary repair compound prior to application, as this ensures a mechanical 'key' which will optimise adhesion. Steel surfaces shall be shot blasted or grit blasted to a nominal SA 2.5 Swedish Standard. All dust shall be removed

ior to coating application. A coat of **SEALCORE PRIMER** shall be applied as soon as practicable after blasting, in order to obviate the possible occurrence to 'flash rusting'.

**Priming** : Concrete surfaces shall be primed with a coat of **KSEALCORE WB PRIMER**, applied by brush, roller, or airless spray, at the nominal rate of 0.25kg/m<sup>2</sup>. Long nap lambswool rollers are recommended for primer application. Allow primer to cure for a minimum of 10 minutes. Steel surfaces shall be primed.

**Sealing** : The application of a clear sealer is recommended to reduce tendency towards staining.

**Mixing** : **KSCREED COLOUR QUARTZ** is supplied as a three pack system consisting of the

**Resin** component, the **Hardner** component, and the **Colour Quartz** component. Add the **Hardner** component to the **Resin** contents into a mixing vessel, and add the **Colour Quartz** component whilst stirring. A low speed drill with paddle attachment may be used, or else a forced action mixer.

**Application** : Spread the **KSCREED COLOUR QUARTZ** to the desired thickness, and trowel finish.

### **PACKING & COVERAGE**

**KSCREED COLOUR QUARTZ** is supplied in 25kg packs. A 25 kg pack is sufficient to cover an area of 2.8 m<sup>2</sup> at a thickness of 4mm

### **.STORAGE & SHELF LIFE**

Store in dry, cool conditions, preferably at temperatures between 10°C and 40°C and out of direct sunlight. Adequate ventilation of the storage area should be provided. Keep containers tightly closed when not in use. **KSCREED COLOUR QUARTZ** has a minimum shelf life of 12 months when in original, unopened containers, in accordance with manufacturer's instruction.

### **QUALITY ASSURANCE**

KRISHNA manufactures entire range of construction chemicals under compliance of ISO 9001-2000,

### **TECHNICAL SERVICES**

While new advances and changes will take place one thing will never change is quality and meeting special needs of customer. We are eager to work with you in development of new product and solve your problem.