

SHALIMAR'S KAVASSU EP PRIMER

INTRODUCTION

SHALIMAR SEAL & TAR PRODUCTS PVT. LTD. is pioneer in Manufacturing / Marketing well known Shalimar brand high performance construction chemicals and waterproofing products. Various product segments are given below :

- WATER REDUCING ADMIXTURES
(PLASTICIZERS & SUPER PLASTICIZERS)
- CURING COMPOUNDS
- INTEGRAL CEMENT WATERPROOFING COMPOUNDS
- JOINT FILLERS/SEALANTS
- FOAMING/RETARDERS/ ACCELERATING/ AIR ENTRAINING AGENTS/ HYPER PLASTICIZERS
- GROUTS & ANCHORS
- INDUSTRIAL FLOORINGS
- INSULATION PROTECTION
- SILICON SEALANTS
- ADHESIVES/TILE GROUTS
- WATERPROOFING CEMENTITIOUS
- ACRYLIC WATERPROOFING COATINGS
- DAMP PROOFING COARSE/EXTERNAL WALLS SEALANT
- PRIMERS/MISLENEOUS COATINGS
- ROAD EMULSION/FILLERS/GENERAL & INDS. BITUMEN
- APP & SBS MODIFIED MEMBRANES & BITUMEN FELTS
- ANTI CORROSIVE/RUST REMOVER & CONVERTOR COATINGS

All products are manufacturing by India's biggest Plant of its kind. M/s. Shalimar Seal & Tar Products Pvt. Ltd., an ISO 9001, 14001 & 45001 accredited company having a highly equipped in-house Research & Development laboratory with ultra modern facilities for manufacturing a quality product under technical guidance & specifications provided by both Shalimar Seal & Tar Products Pvt. Ltd. & M/s. Kavassu International Pvt. Ltd. Products are backed by innovative GTX Technology. All products are timetested with varying climatic conditions through out India and have got very strong history of service and case studies in various application areas viz-a-viz construction of Buildings, Factories, Harbors, Dams, Canals, Bridges Atomic, Thermal, Hydel Power projects, Tunnels, Sub-way Boxes, Tube Railways, Roadways, NHAI etc. Shalimar's have got a wide range of products includes some special products, which are obviously not in our product range because of their end use in specific applications. Details can be provided on request. All products are manufacturing by using indigenous as well as imported raw materials to meet out the international quality standards & design to combat water and dampness in structures. All products are easy to use, environment eco-friendly and provide the user a very cost-effective remedy to sort out the problems, which unless and until considered unsolvable.

HIGH PERFORMANCE BASE COAT FOR EPOXY APPLICATIONS

GENERAL

SHALIMAR'S KAVASSU EP PRIMER is a two pack solvent free, free flow, epoxy resin primer. **SHALIMAR'S KAVASSU EP PRIMER** is specially formulated to give good flow properties without filler additions or excessive aeration. SHALIMAR EPOXY RESIN PRIMER has good flow properties at either ambient or higher temperatures. **SHALIMAR'S KAVASSU EP PRIMER** has excellent bonding characteristics & imparts cathodic protection to base metal or concrete surfaces.

USES

SHALIMAR'S KAVASSU EP PRIMER is basically formulated to be used in the areas such as Marine steel & Concrete structures, water tanks, waste water facilities, broadcast coatings for industrial traffics, underneath traffic wear courses in parking garages, and for de-greased concrete surfaces. **SHALIMAR'S KAVASSU EP PRIMER** can be used by mixing it in supplied proportions & can be used as base coat under any epoxy applications ie epoxy paints screeds, coatings, grouts etc.

ADVANTAGES

- Non-shrink, free flowing
- Excellent adhesion property
- Excellent chemical and weather resistance.
- UV-resistance.
- Very high early and ultimate strength.

APPLYING TEMPRATURE

1. Mixing and painting 10° to 35°C
2. Service: 10 to 60°C

PROPERTIES

- | | | |
|--------------------------|---|-----------------|
| Colour | : | Light yellow |
| Density | : | 1.05-1.15 |
| Usable life after mixing | : | 45 mins at 27°C |

QUALITY ASSURANCE

As per
ISO - 9001:2015, 14001:2015, 45001:2018

PACKING

7.5 Kg Kit. (Two Component pack)

SHALIMAR'S KAVASSU EP PRIMER



HOW TO SPECIFY

Surfaces should be prepared in accordance with the instruction on the use of **SHALIMAR'S KAVASSU EP PRIMER** should be mixed and applied strictly in accordance with the instructions of the manufacturers

APPLICATION AREAS

Machine base plates and crane-rail grouting. Anchoring of steel reinforcement, girders and posttensioned cables in concrete and stone. Joining precast concrete units, concrete to concrete surfaces and concrete to steel.

SURFACE PREPARATION

All surfaces must be cleaned thoroughly and all contaminations fully removed by chemical or mechanical methods. All bolt pockets and under bases must be free from dust, laitance and of sound substrate. If needed, substrate must be hacked to provide extra mechanical key.

MIXING

SHALIMAR'S KAVASSU EP PRIMER comprises two components the resin & the hardener which are supplied pre-weighed in the correct proportions. The ease of mixing in cold weather is aided by storing tins in warm atmosphere. When required for application the hardener should first be poured into the can containing the resin and drained well. The two components should be thoroughly mixed, preferably with a mechanical stirrer, e.g. An electric drill with stirrer attachment, until a uniform clear liquid is obtained. The liquid should be thoroughly blended until all the primer is of uniform color and consistency.

APPLICATION

The mixed material called primer should be applied over the surface where any epoxy application is to be done. It is a base coat to improve the adhesion of epoxy treatments to base structure either it is Galvanized steel, Mild steel or concrete surfaces. In pipe sections if required pour the mixed primer from one side only, till the material rises to the required height on the opposite side. Ensure continuous pouring to prevent voids & discard from one end before gel time starts.

HANDLING PRECAUTIONS

Cleanliness in handling epoxy resins is essential to prevent skin irritation. Gloves must be worn and use goggles to prevent contact with eye. Any splashes on skin should be washed with water and medical advice sought.

STORAGE

SHALIMAR'S KAVASSU EP PRIMER may be stored for a year in manufacturer's sealed containers in dry conditions and out of direct sunlight.

FIRE & SAFETY

- **SHALIMAR'S KAVASSU EP PRIMER** solutions are flammable. Do not expose to naked flames or other sources of ignition.
- No Smoking at site as well as stockyard. Containers should be tightly sealed when not in use.
- In the event of fire, extinguish with CO₂ or foam.

SHELF LIFE

12 months if unopened.

TOOLS CLEANING

Tools should be cleaned with Shaliquick solvent immediately after use.

ENVIRONMENTAL HAZARD

NONE



Manufactured By: **SHALIMAR SEAL & TAR PRODUCTS PVT. LTD.**

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MANUFACTURING PLANT LOCATION
JAIPUR

CUSTOMER CARE :

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IMPORTANT NOTE :

Products are available at all leading cement, hardware, Tile & Paint stores through our wide network of distributors across the country. The product information & application details given by the company & agents has been provided in good faith & meant to serve only as a general guideline during usage. Users are advised to carry out tests & take trials to ensure the suitability of products meeting their requirement prior to full-scale usage of our products. Since the correct identification of the problems, quality of other materials used & on-site workmanship are factors beyond our control there are no expressed or implied guarantee/warranty to the results obtained. The company does not assume any liability or any consequential damage for less than satisfactory results, arising from the use of our products. The leaflet supersedes the previous one and a new issue may take place without notice to supersede this edition as and when it becomes necessary.

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