

SHALIMAR'S KAVASSU PU SEALANT

*Real
Revolution* +

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 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 world's leading company NILE WATERPROOFING COMPANY Egypt, ISOLTEMA SPA, Italy & CAPITAL UNITED, Canada. 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.



Single component PU sealant for concrete application

GENERAL

Shalimar's kavassu PU sealant is a one component, high performance sealant based on advance PU polymer technology. it has an excellent UV, weather and temperature resistance. it has excellent adhesion over a wide variety of substrates and is paintable with most common industrial paints. this sealant has been specifically formulated as a non staining sealant and for application to difficult substrates associates with modern facade construction.

USES

It is widely used for Sealing of concrete pavement runway lining joints & un plastered grooves, precast slab joints or expansion joints. It is used for extension and expiation joint of PQC.

ADVANTAGES

- ◆ Fast cure
- ◆ Abrasion resistant including foot traffic
- ◆ Excellent application characteristics
- ◆ High strength adhesive bond
- ◆ Excellent adhesion to a wide variety of substrates
- ◆ Good adhesion on many common construction substrates
- ◆ Permanently flexible
- ◆ Non staining including Hydrophobic staining
- ◆ Low dirt pickup
- ◆ Damp surface tolerant
- ◆ High movement accommodation
- ◆ Resistant to aerobic and anaerobic bacteriological attack
- ◆ Anti Fungus / Mildew resistant
- ◆ Comprehensive colour range
- ◆ Excellent low temperature gunnability

SHALIMAR

(STRENGTH OF CONSTRUCTION)

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APPLICATION AREAS

SHALIMAR'S KAVASSU PU SEALANT is specially formulated for structural joint /PQC that will be subjected to dynamic stresses. It is used for making permanent high strength elastic bonding in Construction, Automotive, Industrial and Marine applications. Ideal for bonding of Metal (Stainless Steel, Aluminum, Steel, Copper etc.), Rubber (Natural Rubber, Synthetic Rubber, Silicone Rubber, EPDM etc.), Natural Materials (Wood, Plywood, Leather, Cloths, Paperboard etc.) & Inorganic (Concrete, Mortar, Natural Stone, Tile, Glass, porcelain etc.) and plastics (Nylon, PVC, ABS, Polycarbonate etc.),

APPLICATION PROCESS

- Surface Preparation for joint sealant:
1. For existing expansion/ precast joints, remove all loose aggregate, dust, old caulks, grease or other compounds from the expansion joint.
 2. Use a manual racking equipment & brush for cleaning of joints. Then use moisture free & oil free compressed air to blow out the fine dust.
 3. If desired, mask off the areas surrounding the expansion joints for creating a well defined & aesthetic appearance to the channel.
 4. Now a coat of primer should be painted or sprayed over the joints (inside surface) with the help of Shalimar epoxy resin primer-250.
 5. Now backer rod or polyethylene rod /strip or any conventional backer rod material if required should be inserted inside the joint which should be 50% more than the joint width.
 6. After touch drying of the primer, load cartridge in to gun fill the joints by pouring the material inside the joints accordingly with the help of pouring gun, spatula or grout pump.

STORAGE

Six months when properly stored in sealed pack at temperatures of 18-30 degree. Do not expose to excessive cold or moisture.

HEALTH & SAFETY

Refer to Label & MSDS for health, safety information & environmental information. Always wear gloves, eye protection, appropriate respiratory protection, & work in well ventilated area.

TECHNICAL DATA

PROPERTY	Value
Curing System	Moisture Curing
Colour	White / Black / Grey
Density Approx.	1.54 g/mL
Skin over time	10 - 15 minutes
Curing time @ 23 oC/ 50% RH hr	3 - 4 mm / 24 hr
Tensile strength (ASTM D412)	> 1.5 Mpa
Elongation at break (ASTM D412)	> 400%
Shore A Hardness (ASTM C661)	35 - 45
Application Temperature	5°C to 35°C
Service Temperature	-30°C to 90°C
Maximum joint width	25 mm
M A F	25%

QUALITY ASSURANCE

SHALIMAR'S KAVASSU PU SEALANT is Manufactured as per the specification laid under ASTM C 920 & ASTM C 1248 for Non Staining. Manufactured under ISO 9001 certification .

PACKING 800GMS Pack

SHELF LIFE 6 Months



Manufactured By:



An ISO 9001 Certification



SHALIMAR SEAL & TAR PRODUCTS PVT. LTD.

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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.

Manufacturing Plants Locations:

AHMEDABAD ■ JAIPUR ■ PUNE

Registered Office :

C-88, Capital House, Subhash Nagar, Jaipur-302016 (India)

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