

# SHALIMAR'S KAVASSU CEMENT ADMIXTURE G-50 (L)

## 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 & INDUS. 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 throughout 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.

### INTEGRAL LIQUID WATERPROOFING COMPOUND, FREE FROM CHLORIDE

#### GENERAL

SHALIMAR G-50 (L) is integral waterproofing for concrete with good plasticizing properties. It does not contain any chloride and can also be used as an admixture for pre-stressed concrete. The admixture of SHALIMAR G-50 (L) in the concrete brings about contraction of capillaries thereby rendering the concrete dense and waterproof. SHALIMAR G-50 (L) is suitable for usage in production of waterproof concrete in a accordance with DIN 1048 (German industrial standard no.1048)and similar relevant standards. It conforms with IS: 2645 2003

#### APPLICATIONS

Addition of SHALIMAR G-50 (L) in the concrete mix allows the reduction of about 15% mixing water without altering the workability of the mix. This property of SHALIMAR G-50 (L) makes it possible to control and maintain the water cement ratios as low as possible, which is of considerable importance in the preparation of watertight concrete.

SHALIMAR G-50 (L) brings about contraction of capillary pores & increases density of concrete rendering the concrete optimally watertight. The addition of SHALIMAR G-50 (L) in the concrete result in formation of homogeneous & evenly distribute cement binder which efficient binding of aggregates. The homogeneous cement gel prevents the likely settlement of heavy coarse aggregates and checks the phenomenon of bleeding in fresh concrete.

SHALIMAR G-50 (L) brings about contraction of capillary pores and increases density of concrete rendering the concrete optimally watertight. The results of the laboratory tests carried out in accordance with DIN 1048C(German industrial standard No.1048) for the testing of waterproof concretes reveal that the depth of penetration of water. (washer indringtete) was considerably lowered by admixing of SHALIMAR G-50 (L).

#### FIELDS OF APPLICATION

SHALIMAR G-50 (L) should be used for the preparation of watertight concretes employed in the construction of water retaining structures, sanitary rooms, constructions, in humid atmospheric conditions, concrete roofs, basements, tunnels, tanks, swimming pools etc.

#### INSTRUCTION FOR USE

SHALIMAR G-50 (L) should be mixed with gauging water or can be added to concrete during the process of mixing. Mixing should be continued for atleast one minute after the addition of SHALIMAR G-50 (L). The gauging water should be properly adjusted taking into account the water reduction brought about due to the presence of SHALIMAR G-50 (L).

#### TECHNICAL DATA

Type of admixture - waterproofing compound  
Form - liquid  
Dosage - 200 ml. per Bag of Cement.  
Packaging - 200 ml, 1,5, 20 & 200 Liters.  
Storage - In original sealed containers protected from sunlight & frost.

#### SHELF LIFE

one year from month of manufacturing

#### HSN CODE

38244090



#### Manufactured By: 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 edillon as and when it becomes necessary.

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MANUFACTURING PLANT LOCATION  
JAIPUR

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