



BY EDIT TEAM

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ShaliSeal RSTC to revolutionise Indian roads

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By Edit Team



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Sr. Vice President, STP Ltd

In India the condition of most of the roads is pathetic, especially during the monsoon. The reason is simple; water entering the roads is the main cause of damage. The life of the roads can be increased by providing proper side drains and water resistant top layer. STP Ltd is one of the oldest companies associated with waterproofing. "Over the years STP Ltd has developed special ShaliSeal RSTC, which is a coal tar based sealer and almost unaffected by water. This product has been tried in small patched and has given incredible results," says Hasan Rizvi, Sr. Vice President, STP Ltd.

All set to revolutionise the Indian roads

Bitumen has been used as a paving material since 18th century. It deteriorates under sun's ultraviolet rays, gets dissolved by petrochemicals, attacked by chemicals, deicing salts etc. Presently bitumen based fog sealer are used in India. Bitumen gets deteriorated by water. "Time has come where we need to use a water resistant sealer in roads, the answer is ShaliSeal RSTC from STP Ltd, this is a product set to revolutionised the Indian roads," says Rizvi.

ShaliSeal RSTC's important highlights

- Top coat road slurry for enhancing road life by preventing water ingress.
- This is a refined coal tar based emulsion, designed to protect asphalt pavement.
- Resists ultra violet radiation.
- Resists fuel impregnation.
- Reduces aging of asphalt reduce maintenance.

Hasan further states the difference between coal tar and bitumen

- Coal tar is an aromatic product, Bitumen is an aliphatic product.
- Coal tar is more durable and more effective than bitumen
- Coal tar is more resistant to petrol, kerosene and diesel, while bitumen is dissolved completely in the above solvents.
- Coal tar has better gas resistance properties than bitumen.
- Coal tar has better scrub resistance properties than bitumen.
- Water re-absorption property of coal tar is less than bitumen.
- Coal tars, in some respects, are similar to asphalts, but they are more temperature susceptible than asphalts
- Coal tar is petroleum and water resistant
- Coal tar is less permeable, provide a better seal and particularly have good resistance to fuel spillage

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Scrub Resistance (Durability test) 4000 cycles 2400 cycles

Water re-absorption 1.0% 3.2%

OSHA Emission testing Pass Pass

Odour Some None

Colour retention Pass Fades

Flexibility Pass Pass

Drying time Pass Pass

For more details, visit www.stpltd.com

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