



FOAR PAVERON 5727

Base Component of Fuel Resistant Coal Tar Based Seal System

FOAR Paveron 5727 is a smooth, dark grey/black product designed to protect both old and new asphalt pavement from moisture and oxidation. FOAR Paveron 5727 is made from specially modified superior coal tar, blends of mineral colloids and proprietary additives such as emulsifier, stabilizer, and specialty chemicals.

FOAR Paveron 5727 standard material is very viscous and requires dilution with water as per job mix formula to bring its viscosity and density to working level.

FOAR Paveron 5727 is the base product in any coal tar based sealing system. **Coal tar based sealing systems help protect runways, aprons, and other airport pavement areas from deterioration due to fuel, oil, solvent, and chemical spillage besides moisture and oxidation.**

Benefits

Protects from Fuel and Chemical Spillage

FOAR Paveron 5727 as part of a sealer provides excellent protection against deterioration due to fuel and oil leaks as well as most chemical spills. The product makes sealers resistant to gasoline, oils, kerosene, jet fuels, alcohols, de-icing chemicals and many other petroleum solvents and industrial chemicals.

FOAR Paveron 5727 is resistant to these substances as the direct result of its superior coal tar pitch emulsion formulation. This formula provides the barrier needed to protect paved areas from damage caused by these substances. Instead of seeping into asphalt pavement, these substances simply remain on the treated surface from where they can evaporate or be cleaned up quickly and easily.



Prolongs Pavement Life

Water infiltration, freeze/thaw damage, erosion, oxidation, and petroleum & chemical based deterioration are the most common causes of asphalt deterioration. By protecting asphalt pavements from all of these natural and man-made enemies, FOAR Paveron 5727 makes pavements last longer.

Reduction in Maintenance Costs

Pavements protected by FOAR Paveron 5727 cost less to maintain because it protects against the causes of cracks, erosion, freeze/thaw damage and chuckholes. **Studies show that periodic resealing only costs 30% of what annual repairs on an unsealed pavement would cost. Periodic resealing also doubles the life of pavement overlays approximately.**

Quick Application

FOAR Paveron 5727 requires no heating prior to application and can be mechanically mixed with water, rubber latex (FOAR imports this from Japan), and aggregate as per the job mix formula and is spread on the pavement surface by a self propelled sealcoat squeegee and/or spray type application machine to ensure the proper sealing of the asphalt surface.

FOAR Innovative Technologies (Pvt.) Ltd.

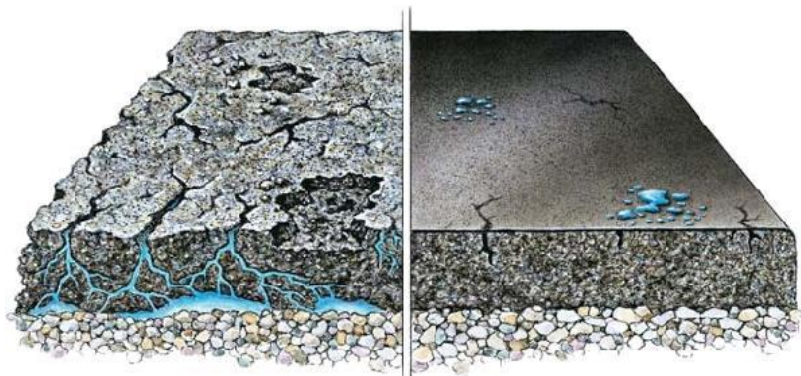
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FOAR PAVERON 5727 (continued)



Unsealed vs. Sealed

Technical Specifications (ASTM D 5727)

(Standard Coal Tar Emulsion)

Physical Characteristics

Minimum density @ 25 °C	1.20 g/cm ³
Drying time (to touch)	6-8 hours
Flash point (water based)	N/A
Color of cured film	Black/Brown

Performance Characteristics

Workability	Applicable by spray or squeegee
Resistance to heat @ 80 °C	No sagging, blistering, or slipping
Flexibility	No cracking or separation
Maximum resistance to volatilization	15%

Chemical Characteristics

Non-volatile content	47% of weight (min.)
Volatile content	53% of weight (max.)
Ash % of non-volatile content	30-40% by weight
Solubility	20% of non-volatile weight in CS ₂ (min.)
Resistance to petroleum solvent	Excellent
Resistance to water	Excellent

Standard Compliance

i) ASTM D 5727 (superseded U.S. Federal Specification RP 355)

ii) US FAA items P-630 (superseded item P-625) and P-631 (superseded item P-627)

Coal Tar Based Sealing System

This emulsion is a basic component of a coal tar based sealing system which can also consist of rubberized latex polymer and aggregates as designated by the U.S. Federal Aviation Administration (US FAA). The resulting slurry, rubberized emulsion, or rubberized slurry can be made compliant to the following standards: US FAA item P-630 (superseded item P-625) and US FAA item P-631 (superseded item P-627).

Quality Control

FOAR's quality control system ensures strict quality check at all stages of production and comprehensive testing of each lot as per requirement of relevant standards. The organization's quality management system is certified to conform to ISO 9001:2015.

Packaging

- i) 208 liter drums
- ii) Bulk tankers

Storage

To preserve the product drums must be kept in original sealed condition. For better result drums must be stored in horizontal position under shade away from direct sunlight.

Shelf Life

One year from date of manufacturing

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