



# MSP3™ Inverted Bitumen Emulsion Rejuvenator

Product Data Sheet 2018/01

## DESCRIPTION

**MSP 3™** is an inverted bitumen emulsion manufactured from penetration grade bitumen, aromatic oil and a cutback medium.

## USES

**MSP 3™** is specially designed as a surface rejuvenator which penetrates and rejuvenates oxidised and fatigued bituminous surfaces. The product is ideal for use on:

- Roads, runways and parking areas,
- Pre-treatment for a seal,
- Holding action on aged bituminous surfaces.

## PROPERTIES

**MSP 3™** rejuvenates the aged bitumen while depositing fresh bitumen onto the surface. The cutter medium helps the rejuvenator penetrate the existing surface up to 10 mm.

Other benefits of **MSP 3™** are:

- Helps close up hairline cracks over time under traffic,
- Reduces aggregate loss,
- Improves surface impermeability,
- Increases life expectancy by 3 to 6 years.

## SPECIFICATIONS

EMULSION PROPERTIES	REQUIREMENT		TEST METHOD
	Min	Max	
Viscosity @ 50°C, SFs	15	40	ASTM D88
Water content, % m/m	-	20	ASTM D402
Residue from distillation to 360°C, % v/v:			ASTM D402
to 190°C	10	50	
to 225°C	35	60	
to 260°C	60	90	
to 316°C	80	100	
Residue from distillation to 360°C, % v/v	45	-	ASTM D402
Penetration @ 25°C of residue distilled to 360°C, 0.1mm	200	-	EN 1426

## DIRECTIONS FOR USE

1. **MSP 3™** is applied, allowed to dry and then opened to traffic with no covering.
2. Apply with a conventional binder distributor at a binder spray temperature of 60°C and a minimum road surface temperature of 10°C and rising.
3. Drying time will depend on surface texture and weather conditions. In hot weather it may vary from 4 to 7 hours on open graded seals. Should any pools of binder develop, these may be blinded with crusher dust prior to opening to traffic.
4. Major cracks should be sealed after application of **MSP 3™**. Allow a period of 10 weeks before resealing over **MSP 3™** treated surface.

### Head Office

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