



# SS 60 STABILIZATION

## Anionic Grade Emulsion

Product Data Sheet 2024/01

### DESCRIPTION

**SS 60 STABILIZATION** emulsion is a low viscosity stable, anionic *slow set* bitumen emulsion.

### USES

**SS 60 STABILIZATION** emulsion is used as tack coat or stabilizing emulsion in BSM applications. It can be diluted with water and applied onto aged seals as an enrichment spray or as a tack coat for an asphalt overlay.

### PROPERTIES

The stable grade nature of **SS 60 STABILIZATION** makes it ideal for mixing with semi-hard water, it is designed to have an added advantage of tacking when used as a dust depressant.

### SPECIFICATIONS

**SS 60 stabilization grade emulsion** conforms to the SANS 4001-BT3 specification for anionic bitumen road emulsions.

EMULSION PROPERTIES	REQUIREMENT		TEST METHOD
	Min	Max	
Binder content, % m/m	60	62	ASTM D244
Residue on sieving, g/100 ml	-	0.25	SANS 4001-BT3
Sedimentation after 60 rotations	Nil		SANS 4001-BT3
Coagulation value when mixed with cement, % m/m	-	2	SANS 4001-BT3

### DIRECTIONS FOR USE

1. **SS 60 stabilization grade emulsion** can be stored at ambient temperature.
2. Can be stored for up to six months at ambient temperature without risk of settlement when rolling of drums weekly is respected.
3. As an *enrichment spray* or *tack coat* for HMA applications, the **SS 60 STABILIZATION** emulsion should be diluted with water at a ratio of 50:50 or 70:30 depending on target BC and existing surface conditions.
4. If diluting with water, confirm the compatibility of the water with the emulsion.
5. The binder should be heated to 60°C for spray applications.
6. As an *enrichment spray*, an application rate of 1,0 lt of diluted emulsion per m<sup>2</sup> is recommended.
7. As a *tack coat* for HMA applications, an application rate of 0,5 lt of diluted emulsion per m<sup>2</sup> is recommended.

#### Head Office

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