



# PRODUCT DATA SHEET

## DAS PRODUCT

### Product Description:

**DAS Product** is an emulsion of bitumen in water specifically designed and formulated to bind material and suppress dust on haul roads, secondary roadways, hardstands and laydown areas in mining and other heavy industrial environments. For permanent roads, optimal results are achieved by establishing the product into the wearing course layer of the road to provide stabilisation. For secondary and non-permanent roads the product can also be used as a spray-on treatment.

### Application details:

**DAS Product** is delivered in a concentrated liquid form ready to use. It is diluted in a water cart at a concentration of 1% right up to 50% depending on the specific requirement, work being performed, material properties, climatic conditions and other factors.

### Benefits:

- Reduced gravel loss, dust levels and road maintenance.
- Reduced water ingress into road base materials and faster road drying times.
- Stabilised road surface that results in reduced rolling resistance and fuel usage, as well as extended equipment component and tyre life.
- Suitable for use with a variety of materials with differing compositions and characteristics.
- Easy to apply, no specialised equipment required.
- Roads can be trafficked immediately after application.
- Environmentally friendly, non-toxic and non-hazardous.

### Specifications:

Product Properties	Requirements		Test method
	MIN	MAX	
• Binder Content, % mass	60	-	AS/NZS 2341.23
• Sieve Residue (oversize), % mass	-	0.15	AS/NZS 2341.26



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### Physical and Chemical Properties:

Appearance	Brownish-black liquid
Odour	Mild Bitumen Odour
Flammability	Non flammable
Flash Point	Does not burn
Boiling point	100°C
Melting point	>4°C
pH	11 – 12
Specific Gravity	1.017 (approx.)
Solubility (water)	Highly soluble
Autoignition temperature	Not applicable – contains water