

RAIL

High performance, eco friendly
curved rail lubricant
Innovating for tomorrow



TECHNICAL DATA SHEET

Quality Standards:
ISO 9001:2015
ISO 14001: 2015
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CLARETECH ECOSTICK WFS

Environmentally Friendly Wheel Flange Stick Lubricant

Description

The Claretech EcoStick WFS reduces the coefficient of friction, minimises wear of wheel flanges and rail, and reduces noise.

Claretech EcoStick WFS is made from annual renewable biocomposite materials, and is biodegradable in the natural environment making it the most environmentally friendly stick lubrication solution on the market.

It is applied to the wheel flange by a constant force, where the material transfers to the wheel/flange and creates a lubricating film at the contact point.

The Ecostick is self-regulating, applying lubrication dependent on friction and lubrication requirements.

Features and Benefits

- Extremely low wear rates meaning each stick lasts and lubricates for longer.
- All materials used are recyclable and/or biodegradable in the natural environment.
- Low mobility and is not expected to bio accumulate.
- The lubrication film created does not hold or attract contaminants.
- Temperature will have a small effect on wear rate.
- Economical and reliable method of flange lubrication

Typical Characteristics

Appearance	Visual	Solid stick, moulded product
Colour	Visual	Black, opaque
Odour		Odourless
Density		.635 +- .010 oz/in ³
Softening Point		90°C
Hardness	ASTM D2240 -05	Surface hardness 30d +- 3
Toxicity		Product is non-toxic
Flashpoint		>200°C

Available Stick Sizes

24 x 49 x 57mm

26 x 26 x 113mm

24 x 49 x 217mm

20 x 44 x 51mm

20 x 44 x 101mm

* Note: The product will exhibit a slight change of colour after exposure to air. This is a normal and expected feature of the unique chemistry employed in this grease. This feature has been assessed as having no effect on the product performance.



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