

TRACKRITE MINERAL SLAG TRACTION MEDIA

TRADE NAME

TRACKRITE®

DESCRIPTION

Trackrite® is a specially selected and graded mineral slag with sharp angular particles, black in colour and particularly resistant to fracturing when crushing forces are applied to it. This gives the product superior traction qualities.

FUNCTION

Trackrite® is used as a locomotive traction media to increase the friction (traction) between the steel drive wheels of the locomotive and the steel track it runs on. The traction between these two steel surfaces is dramatically increased as the drive wheels rolls onto the Trackrite® which is applied immediately in front or behind the drive wheels.

Reducing drive wheel slip under extreme conditions such as emergency braking, ascending or descending steep slopes or accelerating from standstill allows for safe and efficient control over the locomotive unit.

**TYPICAL CHEMICAL ANALYSIS
(full analysis on application)**

Silica, crystalline	None
SiO ₂	40 - 50%
Fe ₂ O ₃	15 - 35%
MgO	15 - 25%
Al ₂ O ₃	5 - 10%
CaO	5 - 10%
Cr ₂ O ₃	1 - 5%

TECHNICAL DATA

Hardness	≥ 7 Moh scale
Specific weight	3
Average bulk density	1.8 kg /l
Free silica	None
Shape	Angular
Storage	Dry, sheltered storage conditions
Packaging	1.5T Bulk bags or unitised 25,20 and 10kg bags

SIEVING RANGE



CODE	SIZE RANGE (mm)	PERFORMANCE CHARACTERISTICS
T 100	0.2 – 1.4	The angular grain shape and high crushing resistance result in a product with superior traction characteristics.