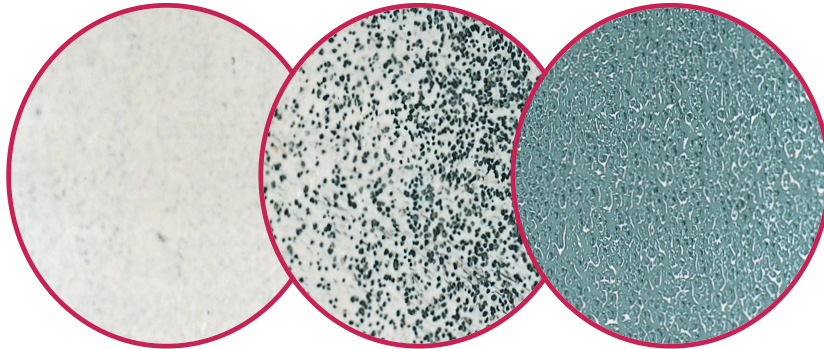


Non-Slip Aggregate

A tough compound for adding to coatings to provide an anti-slip surface



“maintenance made easy”



PRODUCT DESCRIPTION

A tough and aggressive naturally occurring form of aluminium oxide, often called black sand, used for a variety of applications from low alumina refractories to milling stones and coated abrasives together with slip resistant and anti-slip coatings and roadways as a traction enhancer.

Specifically used in place of bauxites for anti-skid applications due to its lower grain porosity.

Chemical Composition:

Compound	Chemical Formula	Typical Content %	CAS No. / EINECS No.
Aluminium Oxide	Al ₂ O ₃	62.30	1344-28-1 / 215-691-6
Iron Oxide	Fe ₂ O ₃	25.60	1309-37-1 / 215-168-2
Silicon Dioxide	SiO ₂	8.40	7631-86-9 / 231-545-4
Calcium Oxide	CaO	1.20	1305-78-8 / 215-138-9
Magnesium Oxide	MgO	0.20	1309-48-4 / 215-171-9

Typical Physical Parameters:

Loss on Ignition	2.20%
Shape	Semi Cubical
Colour	Grey to Black
Specific Gravity	3.80 g/cc
Hardness/ Agg' Crushing Value*	9 moh / 7
Aggregate Abrasion Value*	1.7
	Tolerance <10 for >3,250 vehicles per day on chipping and pre coat lanes, anti-skid applications.
Polished Stone Value*	70
	Tolerance >60 for High Skid >65 for high stressed anti-skid sites.

* Determined according to BS EN 109708 : 2009

Gradation

FEPA Macro & Micro F Grades and Metric Fractions 10-5mm, 5-3mm, 3-1mm, 1.4-0.9mm etc.

HEALTH & SAFETY

Before using this product, please ensure you have received and read carefully both the Hazard Label applied to the container and the relevant Material Safety Data Sheets.

ANY QUESTIONS?

Polycote Technical Helpline
01234 846400

All reasonable care has been taken in supplying the above information. However, any figures quoted do not constitute a specification but represent typical values obtained. It is the customer's responsibility to ensure for himself that the product is fit for the intended purpose and that conditions are suitable. Any technical advice is offered in good faith, but without warranty. This is also applicable when proprietary rights and third parties are involved. In the light of the Company's policy of continual research and development, it is the customer's responsibility to ensure that the information contained herein has not been superseded.

REV: 12/14

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