

ECOGRIT (BLENDED NATURAL MINERAL ABRASIVE)

TRADE NAME

ECOGRIT®

DESCRIPTION

ECOGRIT® is an unique blend of two natural occurring mineral abrasives mined from an alluvial resource. The first Microblast® is reddish in colour, predominantly almandine consisting of sub-angular particles and the second Titan greyish black in colour, predominantly ilmenite (from the hemo ilmenite family) consisting of sub-angular particles.

FUNCTION

ECOGRIT® is highly effective and offers superior performance if compared to mineral abrasives. Its compatibility to non-ferrous metals and low embedment characteristics makes it a cost effective alternative to Microblast®.

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

Ilmenite (FeTiO₃) 40 – 60%
Almandine Garnet Fe₃Al₂(SiO₄)₃ 40 – 60%

TECHNICAL DATA

Hardness >6 - 8 Moh scale
Specific gravity Approx. 4.243 kg/m³
Loose bulk density Approx. 2.405 kg/m³
Free Silica < 0.5 %
Chlorides < 5 ppm
Conductivity < 250µS/cm (Test method ISO 11127) Storage

Dry, sheltered storage conditions.

Packaging 2T bulk bags or unitized 25kg bags

SIEVING RANGE



GRADE	PROFILE RANGE	SIZE RANGE (microns)	PERFORMANCE CHARACTERISTICS
WATER JET CUTTING GRADE			The grain shape and high bulk density result in a fast cutting and stripping abrasive.
W80		150 – 425	
BLASTING GRADE			Blast cleaning using Ecogrit produces significantly lower dust emissions than other mineral slag blast abrasives – resulting in minimal disruption and danger to adjoining operations, improved operator visibility, and lower clean-up costs.
30/60	50 - 75	250 – 600	