

## Mineral Slag: Product Data Sheet

### TECHNICAL SPECS

Generic name: Ferrochrome slag	Fe Cr
Hardness (Moh)	>6
Ph Value	7.90
Conductivity (uS/cm)	45
Sulphate (mg/l)	15
Nitrate (mg/l)	2.1
Chloride(mg/l)	1,73
Oil Content	Nil
Moisture content	0,20%
Specific gravity (Kg/m <sup>3</sup> )	3470
Weight loss on ignition	0,68%

	AGT1	AGT2	AGT3
Particle size (mm)	0,212 - 0,85	0,85 - 1,4	1,4 - 2,0
* Appr. Blasting rate (minutes per m <sup>2</sup> )	1.15min	2.15min	3.58min
Cleanliness	SA 3	SA 2.5	SA 2.5
Profile (micron)	47-58	81 - 110	141- 165

\* Test performed on Bendox Plate

\* Blasting tests performed with nozzle pressure of 6.2 bar

\* Complete blasting test available on request

The product contains no free silica

### PACKAGING

AGT1, 2 & 3 is available in:

1. Loose in a 1,5-ton bulk bag
2. 25kg bags
3. 25kg bags, packed in 1,5-ton bulk bags

### SUITABLE APPLICATIONS

AGT is suitable for:

- |  |   |
|--|---|
| <input type="checkbox"/> Removal of mill scale         | <input type="checkbox"/> Cleaning tin           |
| <input type="checkbox"/> Removal of rust               | <input type="checkbox"/> Cleaning road surfaces |
| <input type="checkbox"/> Removal of old paint coatings | <input type="checkbox"/> Etching into glass     |
| <input type="checkbox"/> Removal of tar                | <input type="checkbox"/> Etching into plastics  |
| <input type="checkbox"/> Removal of epoxy              | <input type="checkbox"/> Etching into metals    |
| <input type="checkbox"/> Cleaning metal                | <input type="checkbox"/> Etching into ceramics  |
| <input type="checkbox"/> Cleaning wood                 | <input type="checkbox"/> Etching into granite   |

### ACCREDITED TESTING AUTHORITIES USED

- ☐ SecMet Metallurgical & Corrosion Consultants
- ☐ (SASOL)
- ☐ Gencor Laboratories
- ☐ Columbus Stainless Steel
- ☐ CSIR
- ☐ Roadlab

\* AGT conforms to National and International Health and Safety regulations, is non-toxic and inert

\* AGT can be reused but is not recommended due to quality and labour-intensive costs

\* NOTE: Cognisance should be taken when disposing spent grit on a dump site as it may be contaminated with hazardous substances