

> Fine Stainless Steel Slag Processed at TMS International Calvert, Alabama

Stainless steel slag (0x4mm) provides a lighter weight product that is very versatile.

STAINLESS STEEL SLAG SUSTAINABLE APPLICATIONS

- Low expansive characteristics of stainless steel slag provides a suitable aggregate for concrete pavers and block manufacturing.
- Reduced CO₂ and/or NO_x emissions in cement manufacturing as well as a reduction in excess wear on grinding components with fine (0x4mm) stainless steel slag particle size.
- Agricultural applications have demonstrated an increase in pH levels. A responsible alternative to natural aggregates thereby preserving natural resources.
- Stainless steel slag provides various micronutrients for essential crop management.
- Soluble silica in stainless steel slag provides beneficial applications in specific crops.
- The Turf Grass Industry has proven that stainless steel slag provides very effective benefits.
- **Stainless steel slag is licensed for Agricultural applications in Alabama, Florida, Georgia, Louisiana, Mississippi, North Carolina and South Carolina.**



TMS INTERNATIONAL STAINLESS STEEL SLAG IS A STABLE, SUSTAINABLE PRODUCT OF THE STEEL MAKING PROCESS, ENGINEERED FOR VARIOUS APPLICATIONS

Based on its physical properties, and through extensive testing, research and actual field trials, TMS International Stainless Steel Slag can outperform natural aggregates in a variety of special applications.

Stainless Steel Slag is processed and sized at the TMS Calvert, AL, facility where it is engineered to meet all market specifications and is structurally stable. The material represents a practical resource that is both economically attractive and environmentally sound.

For more information on TMS Stainless Steel Slag, contact our toll free number at **1-855-TMS-SLAG** (1-855-867-7524) or visit our website at tmsinternational.com/slag-aggregates.cfm.

Typical Chemical Analysis	
Element	Average
Calcium (Ca)	36.8%
Magnesium (Mg)	5.0%
Copper (Cu)	.048%
Iron (Fe)	1.16%
Manganese (Mn)	0.37%
Zinc (Zn)	.005%
Sulfur (S)	.06%
Silicon Dioxide (SiO ₂)	24.69%
Soluble Silicon	4.53%
CCE	99.8

Typical Gradations	0 x 4mm
% Moisture	17.6%
Cubic Foot Wt.	70.35 lbs/ft ³
% Passing	
1/4" Sieve	98.1
#4 Mesh	94.5
#5 Mesh	91.5
#8 Mesh	79.2
#10 Mesh	74.4
#16 Mesh	59.3
#20 Mesh	50.8
#30 Mesh	44.5
#50 Mesh	29.7
#60 Mesh	28.4
#100 Mesh	20.2
#200 Mesh	11.3

For more information please contact:

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