



## Chemical Analysis Results



Regen Ground Granulated Blastfurnace Slag Produced at  
Sample Period

Purfleet  
September 2024

The sample was tested following the methods given in BS EN 196-2.  
Additions and modifications have been made in accordance with the Heidelberg Materials UK Testing Manual.

Chemical Composition %	
SiO <sub>2</sub>	34.39
Al <sub>2</sub> O <sub>3</sub>	12.72
Fe <sub>2</sub> O <sub>3</sub>	0.32
CaO	40.95
MgO	7.18
MnO	0.15
Mn <sub>2</sub> O <sub>3</sub> Calc	0.16
TiO <sub>2</sub>	0.67
St	0.96
S <sub>2</sub> -	0.84
SO <sub>3</sub>	0.31
L.O.I.	1.13
I.R.	0.24
C	0.01
Cl	0.01
Glass content - XRD	
<b>Relative Density g/cm<sup>2</sup></b>	<b>2.88</b>

*The majority of the feed is manufactured by granulation, though on occasion a proportion of it may be by pelletisation.*

The Regen GGBS contained no additional materials other than those permitted. The above results and other tests demonstrate the conformity of the material sold during the month to the requirements of EN 15167-1.

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Signed:

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