



Technical Specification Sheet

Product Name: **EGFM**

Grade 2 1.0mm – 3.0mm

Product Description: Washed and dried ($\leq 0.2\%$ moisture) graded sodium silicate glass sand made from container glass cullet.

Product Application: It is carefully graded for use in a wide range of products, including formulated mortars, plaster renders, abrasive blasting and water filtration.

Composition: Produced from mixed colour recycled container glass
 Particle shape: Sub-angular granular
 Colour: Mixed colour glass (Green, Clear, Amber, Blue Dark, Blue)

Sieve Analysis

Specific Gravity	2.5
Bulk density (un-compacted)	1.338 tonnes/cu m
Bulk density (packed)	1.482 tonnes/cu m
Nominal effective size	1.46 – 1.84 mm
Uniformity coefficient	<1.3

Sieve size mm	Cumulative % passing	Cumulative % Retained
3.0	100	0
2.5	94.0	6.0
2.0	78.6	21.4
1.6	24.4	48.6
1.4	6.7	75.6
1.0	0	100

Typical Chemical Composition (mixed glass)

Oxide	SiO ₂	MgO	K ₂ O	TiO ₂	Fe ₂ O ₃	SO ₃	Na ₂ O	CaO	BaO	Al ₂ O ₃	Cr ₂ O ₃
Wt%	72.2	0.45	1.65	0.06	0.07	0.16	13.3	10.9	0.04	1.50	0.02

Minor Components

Organic Matter	500ppm max	Magnetic Materials	50ppm max
Non-Ferrous Metals	20ppm max	Inorganic Material	50ppm max



EGFM™ is an ENVIRO glasmedia product.

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