

ZippMat™

Swift. Smart. Sustainable.
ISO 9001:2015 Certified Company



Ground Granulated Blast Furnace Slag



**Smarter concrete for a
stronger,
greener tomorrow**

www.ekoblend.com



ZippMat was started out of a bold vision: to eliminate delays, inefficiencies, and high costs in supply chains – while delivering innovative, eco-conscious products made from repurposed materials.

What began as a small team has grown into a dynamic group of 50+ professionals, all driven by a shared mission: Faster deliveries. Smarter systems. Lower costs. Greener alternatives.

About ZippMat



EkoBlend GGBS

EkoBlend, from the house of ZippMat, offers premium GGBS (Ground Granulated Blast Furnace Slag) – a sustainable alternative to traditional cement which enhances strength, durability; making it an ideal choice for eco-conscious future-ready construction.

GGBS better than OPC

Lower cost $\leq 30\%$



Less water usage 3–5%



Less porous 20 to 40% 

lower heat of hydration 25–40%



GGBS enhanced concrete



Smooth workability for faster construction



Higher strength for long-lasting performance



Resists alkali aggregate reaction (AAR), ensuring durability



Enhanced flexural strength for better structural integrity



Superior chloride & sulphate resistance for harsh conditions

Reduces Carbon Footprint

Cuts CO₂ emissions by replacing energy-intensive cement

Recycles Industrial Waste

Repurposes slag from landfills into high-performance concrete

Lowers Energy Consumption

Consumes ~80% less energy than Portland cement in production

Preserves Natural Resources

Reduces reliance on newly quarried limestone & coal



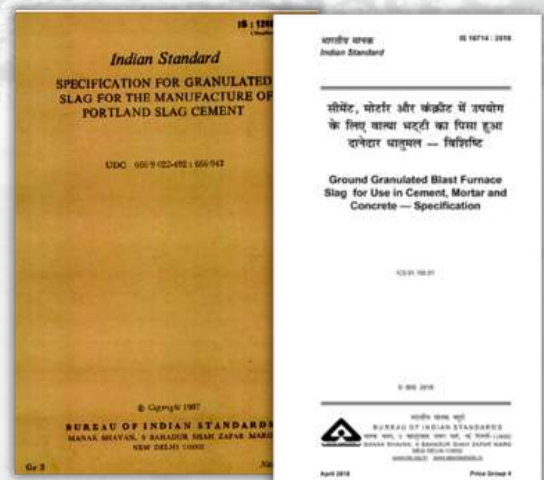
Be responsible. Be sustainable

Certified Quality, Assured Performance

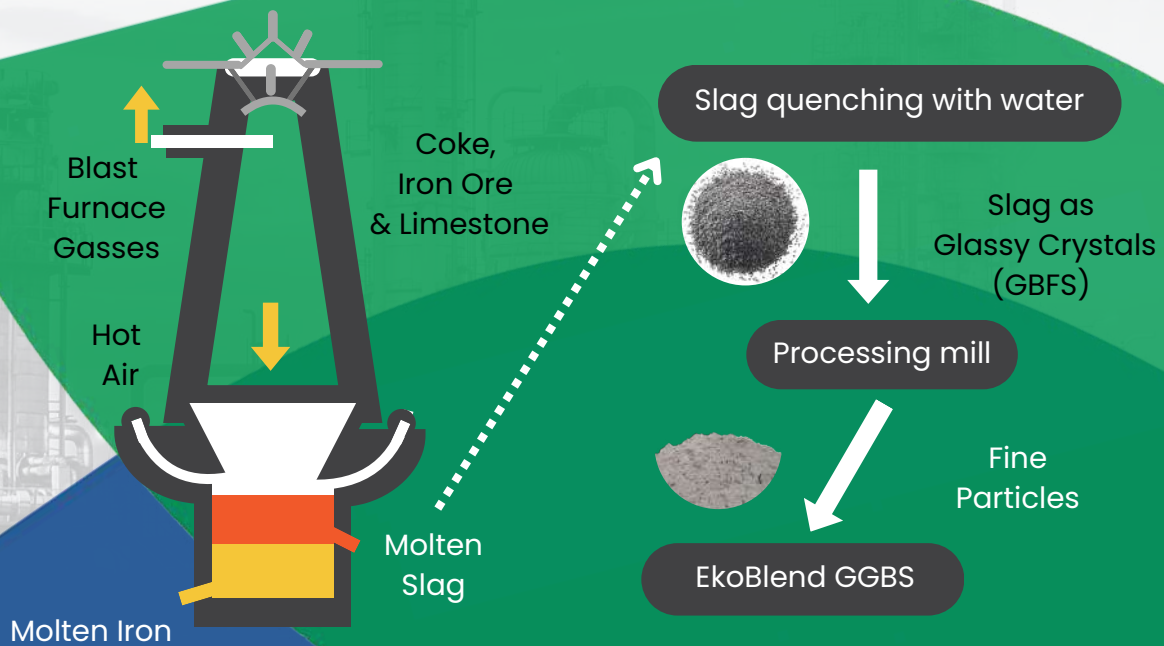
EkoBlend GGBS is manufactured in compliance with **IS 12089 standards** and fully conforms to the **IS 16714:2018** specification for Ground Granulated Blast Furnace Slag (GGBS).

This ensures our customers receive a product that not only enhances the strength and durability of concrete but also meets the highest benchmarks of quality and consistency set by the Bureau of Indian Standards (BIS).

With EkoBlend GGBS, you gain the added assurance of standard-backed reliability—a true advantage for sustainable and high-performance construction.



Manufactured smart, to last.



Ground granulated blast-furnace slag (GGBS) is a by-product of iron manufacturing that is obtained by quenching molten iron slag from a blast furnace in water or steam, to produce a classy, granular product that is then dried and rounded into a fine powder. The process involves cooling of the slag through high-pressure water jets, which enables the formation of granular particles. The granulated slag is further processed to get a very fine powder — EkoBlend GGBS.

High quality consistency guaranteed

Equipped with a state-of-the-art testing facility, we follow stringent quality control measures to ensure that only the highest quality products reach our customers. Our in-house testing capabilities reinforce our commitment to reliability, consistency, and customer satisfaction.

Tested & approved by multiple NABL accredited labs



Typical Tech Specifications

> **375** m²/kg
Fineness

> **96.3** %
Glass Content

< **7.8** %
Residue by
Wet on 45μ

74 %
7 Days Slag
Activity Index

> **89** %
28 Days Slag
Activity Index

MnO (%)	MgO (%)	S (%)	SO ₃ (%)	Insoluble residue (%)	Cl (%)	LOI (%) (Loss on Ignition)	SiO ₂ (%)	Fe ₂ O ₃ (%)	Al ₂ O ₃ (%)	CaO (%)
0.21	7.88	0.49	0.12	2	0.007	0.15	37.28	2.24	16.52	35.33

Typical Chemical compositions

Why us?

Better Quality & Quantity Control

Our sealed bulkers ensure that there is no spillage or theft during transit, maintaining the integrity and exact quantity of every delivery.

Faster Delivery

Efficient supply chain guarantees delivery within 24 hours.

Value for Money

We offer GGBS at highly competitive prices up to 30% more economical without compromising on quality.

Own Manufacturing Unit

With our own manufacturing facility, we ensure consistent quality, reliable supply, and quick turnaround for custom and bulk orders.

Commitment to Sustainability

We care for the environment, which is why we offer eco-friendly EkoBlend GGBS as a sustainable alternative.



"Powering Projects. One Load at a Time."



Delivery within 24 hours



Tested materials and
tamper proof vehicles



100% unloading



Capacity from 24 MT to 40 MT



No Adulteration

GGBS Applications



Concrete roads



Irrigation projects



Railways



Warehouse



Bridges



Marine



Tunnels



Housing projects

Clientele



SOBHA



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