

SLAG SCRAP S.R.O

Granulated blast furnace slag presentation

PROPOSITION THAT WILL LEAD TO REDUCE OF CO2 EMISSIONS



Introduction

We, Slag Scrap s.r.o., together with our partner, ArcelorMittal Kryvyi Rih, are creating opportunities to reduce CO₂ emissions in the construction industry and improve cement quality through the use of our product — granulated blast furnace slag.

Utilizing granulated blast furnace slag in cement production significantly reduces the carbon footprint by replacing energy-intensive clinker while also enhancing the properties of construction materials. This solution opens new perspectives for the construction industry across Europe.





What is Granulated Blast Furnace Slag?

1

Granulated blast furnace slag, supplied by Slag Scrap s.r.o. as the exclusive distributor in Europe from ArcelorMittal Kryvyi Rih, is a product that, after simple grinding without additives or significant costs, becomes a finished product.

2

It is a molten mixture of by-products, including oxides of silicon (SiO_2), aluminum (Al_2O_3), calcium (CaO), magnesium (MgO) and other impurities released from iron ore, coke and fluxes (limestone, dolomite, etc.).

Advantages

Produced by ArcelorMittal Kryvyi Rih and supplied by Slag Scrap s.r.o., granulated blast furnace slag has a composition similar to Portland cement clinker but with a lower CaO content. It is an ideal choice for durable mortars and concretes. Properties of slag include:



High reactivity



**Water resistance
and frost
resistance**



**Excellent
adhesion and
sulfate resistance**



**Low
deformability and
shrinkage**



**Enhanced crack
resistance and
corrosion
resistance**



**Durability in wet
conditions or
aggressive
environments,
such as coastal
areas**



Applications

Thanks to the partnership between Slag Scrap s.r.o. and ArcelorMittal Kryvyi Rih, granulated blast furnace slag becomes accessible for the following applications:

Road construction

Aggregates for highways and local roads

Hydraulic structures

Reinforcement of dams and bridges

Residential and industrial construction

Durable concrete for fast-built structures

Environmental projects

Secondary product for sustainable development in line with EU standards



Logistics

Own Railway Wagons

Slag Scrap s.r.o. owns its own railway wagons

Guarantee

We guarantee stability, speed, and reliability for every delivery



Well-developed System

Has a well-developed logistics system

Prompt Delivery

Enabling prompt delivery of the product to any part of Europe

Experience

Years of experience in organizing supplies



Conclusion

1

Valuable Resource

Granulated blast furnace slag from ArcelorMittal Kryvyi Rih, exclusively supplied to Europe by Slag Scrap s.r.o., is a valuable resource.

2

Key Properties

Among its properties: optimising costs, enhance construction quality, and correspondence to EU environmental standards.

3

Advanced Logistics

With our advanced logistics, proprietary railway wagons, and expertise, we at Slag Scrap s.r.o. are ready to ensure fast and reliable deliveries to build future together with you.

Contact Us

Get in touch with Slag Scrap s.r.o. today to learn more about how our granulated blast furnace slag can benefit your construction projects.

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