

THE GREEN SOLUTION

# BSRM SLAG

For green, environment-friendly construction

## BSRM Slag:

Slag is the by-product of steel manufacturing process and an extremely versatile construction material. BSRM slag chips are eco-friendly products with a similar strength compared to brick chips.

## Product Variety:



## Technical Specification of Slag Chips and Brick Chips:

Category		Slag Chips		Brick Chips		Remarks
		Min	Max	Min	Max	
Water Absorption Capacity		1.5%	2%	11%	13%	Slag chips have very low water absorption which is excellent for construction
California Bearing Ratio (CBR)		115%	130%	48%	58%	Slag chips are superior because of higher resistance to mechanical abrasion
Strength	Aggregate Crushing Value (ACV)	40%	45%	28%	35%	Similar Strength
	10% Fines Value (TFV)	75KN	80KN	69KN	100KN	

## Why BSRM Slag Chips?

Fire-burnt bricks pollute the air and environment, thus the government has decided to phase out the use of bricks by 2025 in all construction work, to reduce air pollution. BSRM slag chips are a superb alternative product & have versatile applications in the construction industry.

BSRM slag chips are an eco-friendly product, which ensures sustainable construction practices.

- Suitable for using in construction work
- Environment friendly, decreases pollution
- Minimizes depletion of top soil

- Slag chips are cost-effective compared to brick chips
- Consistent in physical and mechanical properties
- Collected through completely mechanized and controlled industrial process

## Slag Application in Construction:

- In road construction, as sub-base and sub-grade material.
- In Plain Cement Concrete (PCC) construction.
- In construction of pathway, footpath and parking.
- In several geotechnical projects, such as filling material in embankments.
- In railways as Ballast.
- In asphalt mix for roads, airports and trafficked areas.
- In construction of wave breakers, armour stones and retaining walls with gabion wire near seashore.
- In paving blocks, hollow blocks, kerb stones and marine blocks.



Paving  
and  
Hollow Blocks



Railway  
as  
Ballast



Pathway  
or  
Footpath



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