




One more
CONCRETE
Promise from
Citadel



To make concrete

More Greener
More Durable
More Sustainable

Introducing Citadel
Ground Granulated Blast-furnace Slag



GGBS

A partial Replacement
to cement





50%
Cost Saving

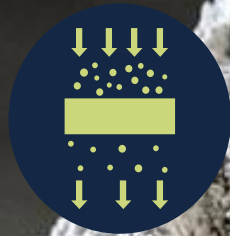


Chemical Composition



Chemical Constituent	Portland Cement	GGBS
CaO	65%	40%
SiO ₂	20%	35%
Al ₂ O ₂	5%	10%
MgO	2%	8%





LESS
PERMEABILITY



NO
Sulphate Chloride
Attacks



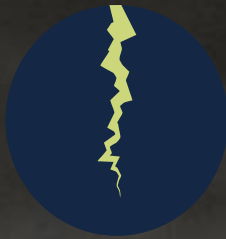


**More
Stiffening
Time**



**Less
Water
Required**





**NO
THERMAL
CRACKS**



**More
Durability**



**Great Heat
Dissipations**



Application of GGBS



Water and sewage treatment
Rain **harvesting** works



- Chemical industries, Refineries, distilleries,
- Food processing plants
- Biogas plants
- Fertilizer plants



Dams, Tunnel linings and
aqueducts



Concrete roads
and food paths



Bridges and bridge deck in
aggressive environments



Marine structures Ports
Jetties Coastal Structures

Thank you

759/35 Samadhan Apts, Bhandarkar Road,
Good Luck Cross, Shivajinagar, Pune 411004.

Email : sales@citadelgr.com ☎ 9657-9657-47 / 020-256-565-75