



Anjani Portland Cement Limited



Portland Slag Cement is manufactured by intergrinding Portland cement clinker, gypsum and Blast furnace granulated slag. It is also manufactured by blending OPC with ground Granulated Blast furnace slag through mechanical blenders.

Portland Slag Cement is commonly used for the following applications

Mainly preferred for construction of marine structures and in coastal areas where excessive amount of chloride and sulphate are present. It can be used for mass concrete works & general Civil Engineering construction works.

Features of Portland Slag Cement

- It has high ultimate strength with higher rate of gain of strength than normal OPC available in market.
- Lower water demand
- Lower Shrinkage

With high compressive strength Portland Slag Cement ensures substantial savings in cement consumption.

Anjani Portland Slag Cement

- Ideal to use in RCC slabs, in all types of constructions especially for Marine Constructions
- Construction of Dams & Ports
- Elimination of cracks
- Ultimate higher strength
- Resistance to sulphates, alkalis, chlorides & CO_2 – aggregates reaction
- Resistance to sea water
- Prevent wet patches
- Smooth surface in finish
- Superior bonding
- Greater Durability
- Better workability
- Low heat of hydration
- Reduction in free lime leaching
- Reduced Bleeding as well as segregation & corrosion
- Denser, less permeable concrete and Mortar
- Reduced Drying shrinkage
- Increased static modules of elasticity
- Environmental friendly cement
- Green Cement



today, tomorrow and forever...

Test Physical properties	IS 455 : 1989 - PSC	Anjani Coastal Gold - PSC
Fineness		
Specific Surface ($M_2/Kg.$)	225	360
Soundness		
Lechatlier Method (m.m.)	Max 10.0	1
Auto clave (%)	Max 0.8	0.10
Setting time (Minutes)		
Initial	Min 30	125
Final	Max 600	250
Compressive strength MPA		
3 days	Min 16	28
7 days	Min 22	40
28 days	Min 33	58
Chemical requirements		
Loss of ignition (%)	Max 5.0	1.5
Insoluble residue (%)	Max 4.0	1.5
Magnesium Oxide (%)	Max 10.0	4
Chlorides (%)	Max 0.05	0.01



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