



**Anuja[®]
Cement**
Build Strong Infra





Silicon Cement Pvt. Ltd.:

Growing from strength to strength.

Anuja Cement is one of the leading cement companies in India. Building your dream home is a very special event in your life. It is the culmination of hard work, planning and love. You'd want to make everything goes right.

And so, from us to you - this little offering.

It will explain to you all the basics of building a house - cement se ghar tak. You will understand the terms, processes and decisions involved in building houses. So that you can make the best choices while building the perfect home.

And remember that we're right here for you, at every stage.

Our Vision:

To be the most sustainable competitive company in our industry.

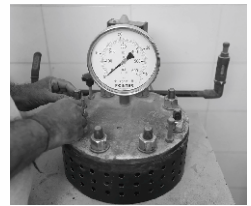
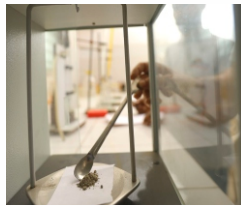
Our Mission:

Creating Values For All

- Delighted Customers
- Inspired Employees
- Enlightened Partners
- Energised Society
- Loyal Shareholders
- Healthy Environment



TESTING LABORATORY



ONE STEP AHEAD IN TECHNOLOGY

To make quality and gain reputation is not an accident, but it is the results of long lasting and constant efforts, world class manufacturing machinery plays a vital role. The raw material passes through many quality check. To ensure quality production company has setup a well equipped laboratory with team of chemist.

- We use best quality clinker.
- Environment friendly transport system installed.
- Store and stock properly.
- Electronic weight feeders to control materials,
- Automatic packing machine to control weight loss.
- Modern and fastest delivery to the costumers.



53^{GRADE} Anuja[®] Cement

53 Grade cement is the popular brand cement with low heat of hydration and long life of concrete structures.



**High
Compressive
Strength**



**Less Water
Consumption**



**Anti
Corrosion**



**Two Stage
Superne
Processing**



**Robotic
Quality Control**



**Vacuum
Tight Packing**



| Advantages For 53 Grade Cement

- ⊙ Develops early strength at 3 to 7 days with exceptionally high 28 days strength from work the of slabs and beams can be removed much earlier which results in increased speed of construction
- ⊙ Unbeatable consistency in quality gives better accountability for mix design.
- ⊙ The higher characteristics strength of concrete leads to higher bonding strength minimizing the possibility of slippage of reinforcements.
- ⊙ The dense and least permeable concrete prevents leakage- slippage problems.
- ⊙ Its high fineness offer better work ability for a given water cement ratio ensuring very dense, compact and durable concrete.
- ⊙ Being the low alkali cement it provides insurance against alkali - aggregate reaction, this results into durable structures.

| Ideal Applications

- ⊙ Residential and commercial complex.
- ⊙ PCC solid and hollow blocks.
- ⊙ Defence constructions.
- ⊙ Concrete Road & Ferrocement concrete element.
- ⊙ Airport Runways.
- ⊙ Cement Tanks.
- ⊙ Asbestos Cement products.

The physical and chemical requirements of "**ANUJA CEMENT**" 53 Grade OPC as per BIS requirement are given in below table.



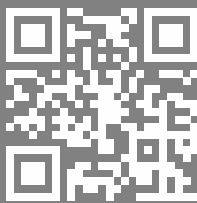
Compressive Strength	53 Grade	Anuja Cement	Anuja Premium
3 rd Days MPA	Min 27	29	30
7 th Days MPA	Min 37	43	44
28 th Days MPA	Min 53	57	58

Physical Characteristics

Setting Time	-	-	-
Initial Set (mts)	Min 30	60	50
Final Set (mts)	Max 600	125	110
Fineness (m ³ / kg)	Min 225	320	350
Soundness	-	-	-
Le Chatelier	Max 10.0	1.0	1.0
Autoclave (%)	Max 0.8	0.127	0.127

Chemical Characteristics

Lime Saturation Factor	0.8 - 1.02	0.91	0.91
Alumina: Iron Ratio	Min 0.66	1.39	1.39
Insoluble Residue (% by mass)	Max 3.0	1.24	1.24
Magnesia (% by mass)	Max 6.0	2.21	2.21
Sulphoric Anhydride (% by mass)	Max 3.0	2.35	2.35
Loss on Ignition (%)	Max 4.0	1.46	1.46
Chlorides	Max 0.05	0.024	0.024



Please scan the QR Code
for contact details

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