



**DOUBLE
BULL
CEMENT**



DOUBLE BULL

OPC-43 GRADE

Double Bull Ordinary Portland Cement (OPC-43) is a specially designed multipurpose cement which ensures strength and durability of structures.



APPLICATIONS:

- Specialised construction work like bridges, highways, flyovers, culverts, buildings, slip formwork
- All type of planned and RCC work
- Suitable for constructing houses, high-rise buildings, roads, etc.
- For high strength concrete using different mix designs
- Suitable for pre-stressed pipes/poles
- All types of specialised concrete repair work like grouting
- Asbestos cement sheet manufacturing

ADVANTAGES:



Optimum Cement Consumption in Mix Designs



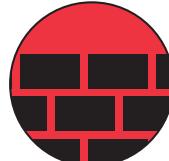
Better Workability



Better Cohesiveness



Long Term Durability for the Concrete



Faster Rate of Construction



Superior Surface Finish

Mazbooti Ummeed Se Zyada



**DOUBLE
BULL
CEMENT**

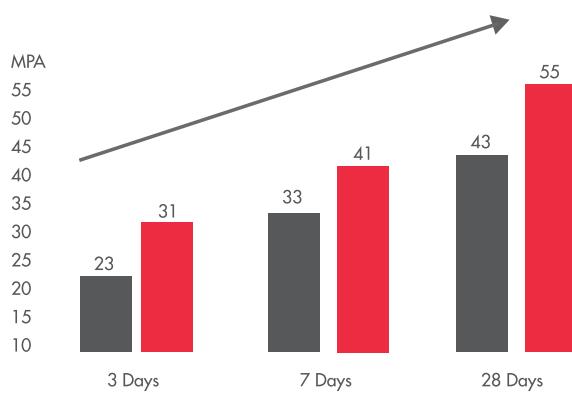


MAZBOOTI UMMEED SE ZYADA

■ BIS Requirement ■ Double Bull Test Finding

COMPRESSIVE STRENGTH:

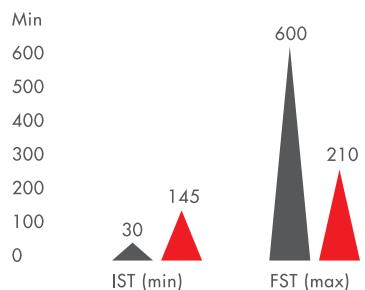
The maximum load the cement mortar can sustain without fracture.



Compressive strength mein 60% behtar.

SETTING TIME:

The period in which the cement goes from fluid to solid.



Setting time mein behtar workability.

Mazbooti Ummeed Se Zyada



IS 269 : 2015	NU VISTA LIMITED (Formerly Emami Cement Limited) PANAGARH CEMENT WORKS An ISO 9001:2015,14001:2015 & 18001:2007 Certified Unit Address :- Plot No-B5A,B6,B8 & B5B/A Panagarh Industrial Park of WBIDC Block – Aushgram II, Village Kota Dist: Purba Bardhaman, West Bengal 713148		
TEST CERTIFICATE ORDINARY PORTLAND CEMENT - 43 Grade			
Date of Issue : 9th July 2020			
Sample Description : W23 M06 Y2020		Despatch Period : 03rd June 2020 to 09th June 2020	
S.No.	Test Carried Out	Requirement as Per IS: 269-2015	Result Obtained
CHEMICAL TESTING			
1	Lime Saturation Factor	Not greater than 1.02 and not less than 0.66	0.86
	Ratio of % Alumina to that of Iron Oxide Al_2O_3 / Fe_2O_3	0.66 Minimum	1.54
	Total Loss on Ignition (% by mass)	5.0 Maximum	1.02
	Magnesia (% by mass)	6.0 Maximum	2.95
	Sulphuric Anhydride (% by mass)	3.5 Maximum	3.18
	Chloride (% by mass)	0.10 Maximum	0.008
	Insoluble Residue (% by mass)	5.0 Maximum	1.16
Setting Time (minutes)			
4	a) Initial	30 Minimum	145
	b) Final	600 Maximum	195
5	Soundness		
	a) Le-Chatlier Expansion (mm)	10 Maximum	0.5
	b) Autoclave Expansion (%)	0.8 Maximum	0.09
Compressive Strength (Mpa)			
6	a. 24 hr. (1 day)	NA	24.1
	b. 72 +/- 1 hr. (3 days)	23 Minimum	35.4
	c. 168 +/- 2 hr. (7 days)	33 Minimum	45.3
	d. 672 +/- 4 hr. (28 days) *	43 Minimum 58 Maximum	56.1
The above cement complies with the requirements of IS 269 : 2015 for 43 Grade Ordinary Portland Cement.			
Cement Used for Structure other than prestressed structure.			
No Performance Improver Added			
Cement Not Used for railway sleepers.			
<i>T. Bhattacharya</i>		<i>D. Bhattacharya</i>	
Prepared by		Authorised Signatory	
Regd. Office : Acropolis, 15th Floor, 1858/1, Rajdanga Main Road, Kasba, Kolkata – 700107, West Bengal, India. Tel: (033) 6627 1301 Corporate Office: 687 Anandapur, E.M. Bypass, Kolkata - 700107. Tel: (033) 66136264 CIN: U26940WB2007PLC116503			

www.nuvoco.com

customer.care@doublebulcement.com



1800 1022 008

Mazbooti Ummeed Se Zyada