



**DOUBLE  
BULL  
CEMENT**



# DOUBLE BULL

# MASTER PREMIUM PPC

Double Bull Cement Master is a premium variant of Portland Pozzolana Cement and comes in laminated packaging. Master is produced from the best quality clinker along with fly ash and gypsum, and is engineered with our signature Ummeed Se Zyada strength and optimum setting to provide key benefits of Super Performance, Super Durability, Super Setting and Super Strength. Additionally, the moisture-resistant lamination of Master offers benefits like tamper-proof packaging and assured weight of 50 kgs. in every bag.



## APPLICATIONS:

- Perfect for all residential constructions like houses, high-rise buildings and infrastructure and projects involving roads, highways, flyovers, bridges, culverts, etc.
- Mass concrete projects like dams and foundations
- Sewage and effluent treatment plants
- It's more cohesive, durable and suited for RCC work of any type

## ADVANTAGES:



Resistant to  
Chemical Attacks



More durable



Lower Permeability



Better cohesiveness  
and workability



Less Crack in  
Construction



Prevents Rusting  
of Reinforcements



Lamination Moist Proof



Tamper Proof  
Packaging

# Mazbooti Ummeed Se Zyada



**DOUBLE  
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CEMENT**



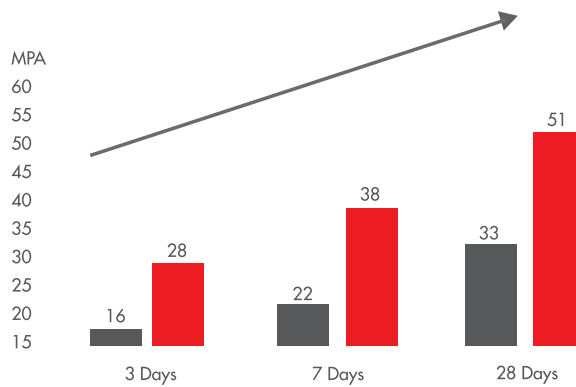
# MAZBOOTI

# UMMEED SE ZYADA

■ BIS Requirement      ■ Double Bull Test Finding

## COMPRESSIVE STRENGTH:

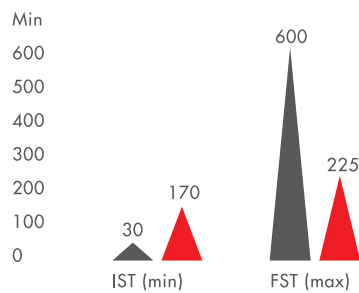
The maximum load the cement mortar can sustain without fracture.



**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



**DOUBLE BULL CEMENT**



**NUVOCO**  
Shaping a new world

IS 1489 (Part 1) 2015		<b>NU VISTA LIMITED</b>	
		(Formerly Emami Cement Limited)	
CM/L 5710035910		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			
<b>TEST CERTIFICATE</b>			
<b>PORTLAND POZZOLANA CEMENT (MASTER)</b>			
Date of Issue : 9th July 2020			
Sample Description : W22 M05 Y2020		Despatch Period : 27th May 2020 to 02nd June 2020	
S.No.	Test Carried Out	Requirement as Per IS: 1489 (Part-1)- 2015	Result Obtained
<b>CHEMICAL TESTING</b>			
1	Total Loss on Ignition (% by mass)	5.0 % Max	<b>2.07</b>
	Magnesia ( % by mass)	6.0 % Max	<b>2.58</b>
	Sulphuric Anhydride ( % by mass)	3.50 % Max	<b>3.19</b>
	Chloride (% by mass)	0.10 % Max	<b>0.002</b>
	Insoluble Residue ( % by mass )	Maximum $X + (4.0 (100-X) / 100 )$ Minimum 0.6X Where "X" is the declared % of Fly Ash in given Portland Pozzolana Cement.	<b>35.71</b>
<b>PHYSICAL TESTING</b>			
2	<b>Fineness</b>		
	Specific Surface ( m <sup>2</sup> / Kg )	Minimum 300	<b>391</b>
3	<b>Normal Consistency (%)</b>	-	<b>32.00</b>
4	<b>Setting Time (minutes)</b>		
	a) Initial	Minimum 30	<b>160</b>
	b) Final	Maximum 600	<b>225</b>
5	<b>Soundness</b>		
	a) Le-Chatlier Expansion (mm)	Maximum 10	<b>0.50</b>
	b) Autoclave Expansion (%)	Maximum 0.8	<b>0.04</b>
6	<b>Compressive Strength (Mpa)</b>		
	a. 24.0 hr. ( 1 day)	NA	<b>17.3</b>
	b. 72 +/- 1 hr. ( 3 days)	Minimum 16	<b>33.0</b>
	c. 168 +/- 2 hr. ( 7 days)	Minimum 22	<b>42.2</b>
	d. 672 +/- 4hr. ( 28 days)	Minimum 33	<b>57.10</b>
7	<b>Drying Shrinkage (%)</b>	Maximum 0.15	<b>0.06</b>
8	<b>Fly Ash in Cement (%)</b>	Minimum 15 % and Maximum 35 %	<b>35.0</b>
Environment condition during test , Temperature =27±2°C and RH >65%			
The above cement complies with the requirements of IS 1489 (Part-1) : 2015 for Portland Pozzolana Cement (Flyash Based)			
 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			

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**1800 1022 008**

**Mazbooti Ummeed Se Zyada**