

Test Results of JK Cement WhiteMaxX

CHARACTERISTICS	IS: 8042:2015 Requirement	JK Cement WhiteMaxX	
		Specification	Typical Range
1 CHEMICAL			
a. Insoluble Residue % by Mass	Max. 4.0	Max. 1.75	0.60 - 1.50
b. Iron Oxide % by Mass	Max. 1.0	Max. 0.3	0.26 - 0.30
c. Magnesium Oxide % by Mass	Max. 6.0	Max. 3.5	2.0 - 3.0
d. Sulphur Trioxide SO ₃ % by Mass	Max. 3.5	Max. 3.5	2.9 - 3.3
e. Lime Saturation Factor (LSF)	0.66 to 1.02	Min. 0.92	0.92 - 0.96
f. Loss on Ignition % by Mass	Max. 7	Max. 6.5	4.5 - 6.5
2 PHYSICAL			
a. Degree of Whiteness %	Min. 70	Min. 89	88 - 90
b. Fineness (Blaine m ² /kg)	Min. 225	Min. 320	330 - 365
c. Setting Time (Minutes)			
1 Initial	Min. 30	Min. 60	70 - 100
2 Final	Max. 600	Max. 160	100 -130
d. Soundness:			
1 Le Chatlier Method (mm)	Max. 10	Max. 2	0.5 - 1.0
2 Autoclave Expansion (%)	Max. 0.80	Max. 0.15	0.06 - 0.15
e. Compressive Strength (Mpa)			
3 Days	Min. 16	Min. 35	35 - 40
7 Days	Min. 22	Min. 45	45 - 50
28 Days	Min. 33	Min. 55	58 - 65
f. Retention on 63 micron (%)	NA	Max. 2	0.80 - 2.0

JK Cement LTD.

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JK Cement LTD.



**Ultimate Whiteness
Unmatched Strength**

JK CEMENT
WhiteMaxX
White Portland Cement

New Avatar of



Application Process of Whitewash

1. The surface to be painted should be free from oil, grease, dust, dirt particles, efflorescence and even loose chalky material. It should be cleaned by scraping, scrubbing or wire brushing
2. If the surface is too smooth then an undercoat of special cement primer should be applied
3. After cleaning, the surface should be thoroughly soaked with clean water for 5 to 10 seconds and the action should be repeated 3 to 4 times depending on the absorption of the surface. The moisture must be properly absorbed. The surface should be considered ready for cement wash only when the sprayed water starts evaporating from it or running down
4. Slowly add 2 parts of JK Cement WhiteMaxX to 1 part of clean, potable water. Stir continuously and mix thoroughly to obtain a creamy consistency
5. Wait for 5 to 10 minutes, then dilute the mix further by adding an additional 1 part (or more) of water, until the mix is of brushable consistency
6. If the surface is old or of lime, add 10% to 15% of white glue adhesive (by weight) in water and apply as an undercoat
7. Apply one coat on the prepared and pre-wetted wall by brush or spray
8. After 6 to 8 hours of drying, spray the surface with water
9. After overnight drying, apply a second coat. Normally two to three coats are sufficient for a good finish

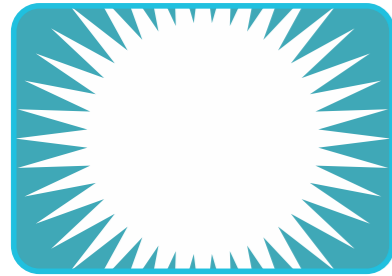
About JK Cement LTD.

JK Cement Ltd. is one of the leading cement manufacturers in India that has partnered the Nation's multi-sectoral infrastructure needs on the strength of its product excellence, customer orientation and technology leadership. A pioneer in the White Cement industry, the company is the leading producer of wall putty in the Country and one of the largest white cement manufacturers in the world.

About JK CEMENT WhiteMaxX White Portland Cement

JK Cement WhiteMaxX is a premium white Portland cement produced with unique raw material and state-of-the-art technology, with an enduring and consistent white colour. It gives triple benefits of high durability, higher gloss effect and smoother wall finish with greater economic value. It can be used for interior and exterior applications. Its efficacy extends to being used as a primer coat for cement paint, as well as filler for all minor hair cracks and crevices to provide a smooth matte finish. As compared to ordinary lime wash, JK Cement WhiteMaxX gives longer life to paint and superior finish to the surface.

Benefits



Sparkling Whiteness



Superior Compressive Strength



Smooth Matte Finish

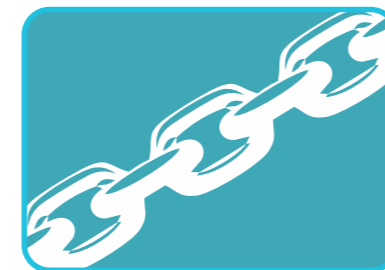
Features



Made from Superior Quality Limestone



Active Bonding Agents



Strengthens the Application

Other Areas of Application



Walls

1. Decorative Cement Paint
2. White Cement Wash
3. Dry Mix Plasters and Mortars
4. Sand Faced Spray Plaster
5. Exposed Grit Washed Plaster
6. Texture Plaster
7. Plain Plaster
8. Pointing on Bricks / Stone Work
9. Precast Panels



Floors

1. Insitu Terrazzo Flooring
2. Manufacturing of Mosaic Tiles
3. Casting of Pavement Blocks
4. For Fixing and Laying Marble Stones
5. Making Coloured Tile Adhesive and Grouts
6. Heavy Duty Tiles



Ornamental & Decorative Application

1. Architectural Concrete Components Made of Glass fiber Reinforced Concrete (GRC) & Synthetic fiber Reinforced Concrete (SRC)
2. Ornamental Objects like Garden Furniture, Flower Pots, Grills, Lamp Post etc.