

Precautions While Using :

- Though it contains non-toxic materials, precautions must be taken to avoid dust inhalation while mixing and handling. In case of contact with eyes or mouth, wash with plenty of clean water
- Keep it in a dry place and out of reach of children

Precautions During Application :

- The right mixing of JK Cement LevelMaxX Plus is very important and hence, extreme care should be taken. Using machine mixer for mixing to get the right consistency and texture
- Only clean potable water must be used while mixing JK Cement LevelMaxX Plus
- It is recommended to thoroughly check the undulations before application

Dos and Don'ts :

- Ensure proper pre-wetting of substrate
- Add water according to the thickness of application
- Paste must be lump-free (machine mixing is preferred)
- Do not apply the mix beyond 6 - 8 mm thickness per coat
- Do not apply wet-on-wet; use wet-on-dry process
- Repair any plumbing leakage or seepage before application
- Do not re-mix the already hardened paste
- Do not add extra water to make the paste workable
- Coverage will depend upon thickness of coating & number of edges in a room

Terms & Conditions

JK Cement Ltd. reserves the right to revise product specification without notice. The information herein should not be read in isolation as it is meant only as guidance for the user, who should always ensure that they are fully conversant with the products and systems being used and their subsequent installation prior to the commencement of work.

*Above parameters are tested under lab conditions. Actual performance depends on site usage, conditions and working.

JK Cement Ltd.

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JK CEMENT
LevelMaxX PLUS
 White Cement Based Self Curing Mortar

Product Data Sheet





Description :

JK Cement LevelMaxX Plus is a water-resistant, white cement based product which is perfect for levelling concrete, mortar walls and ceilings especially in case of major undulations. It consists of Active Bonding Polymer which fills up fine pores of concrete, mortar walls and ceilings to give a breathable white smooth and zero level surface. JK Cement LevelMaxX Plus has a unique composition of JK White Cement, high quality polymers, mineral fillers and special chemical, which helps in providing thickness up to 25 mm, although in general the recommended thickness is 6 - 8 mm when applied in layers. Moreover, JK Cement LevelMaxX Plus can be applied directly on block-work, concrete surface or over rough plaster.

Key Features :

1. It can be used for thin as well as thick wall coating for levelling and patch work
2. Perfect product for all type of substrates and undulations
3. It provides a better bonding with cement based plaster
4. Minimum water absorption
5. Curing free and shrinkage resistant
6. Reflects the heat radiation of sunlight. Hence, it keeps the surface temperature normal
7. Gives an even finish to the surface
8. Protects the walls from the adverse effects of moisture like splitting, warping or swelling
9. Nullifies the detrimental effect of splashing rains and storms
10. It is also used for plaster repairing works
11. Saves time as the surface is ready within 24 hours for the next application
12. Excellent levelling up to 25 mm thickness

Technical Parameters :

Sr. No.	Properties	UoM	Specification Range	JK Cement LevelMaxX Plus	Reference Test Method
1	Degree of Whiteness (In terms of Reflec)	%	≥ 80.0	88	JKITP- PL-1.1 (Ref. IS 8042)
2	Bulk Density	kg/ltr.	1.40 - 1.50	1.4	(JKITP- PL-1.3)
3	Pot Life	minutes	110 - 180	150	(JKITP- PL-1.7)
4	Water Retentivity	%	> 95.0	98.2	JKITP- PL-1.13 (Ref. DIN 18555-7)
5	Compressive Strength @ 28 Days	N/mm ²	≥ 10.0	10.5	JKITP- PL-1.11 (Ref. EN 1015-11)
6	Water Absorption, 30 Minutes @ 28 days	ml	≤ 0.8	0.40	KARSTEN TUBE (JKITP- PL-1.9)

Application on Various Substrates :

1. Cement plastered substrates
2. Soffit of RCC slabs, beams etc.
3. Fly ash bricks
4. Clay bricks
5. AAC and concrete blocks
6. CLC blocks

Coverage :

Surfaces	Aluminium Formwork (Mivan)	RCC Surface (Traditional)	AAC/CLC Blocks	Flyash/Clay Bricks
Applied Thickness	5 - 6 mm	13 mm	13 mm	15 - 18 mm
Coverage* / 40kg bag	125 sq. ft.	45 sq. ft.	40 sq. ft.	25 sq. ft.

Identification & Packaging :

JK Cement LevelMaxX Plus is packed in AD-Star bags. The bag is printed with the product logo, benefits, features, week / year of manufacturing, correspondence address and application instructions.

Available Sizes :

40 kg (Packing)

Method of Application :

Surface Preparation:

Remove all the loosely adhering particles from the wall surface by a brush or medium size emery paper or putty blade and then clean it with clear water

Identification of Undulations:

With the help of leveller, find the undulation on the wall, in all directions and mark them out

Pre-Wetting:

Pre-wet the surface before application of JK Cement LevelMaxX Plus

Mixing:

Mix 1 kg of JK Cement LevelMaxX Plus with 22 - 25 % clean water by weight

Patch Coat:

Check the level and apply JK Cement LevelMaxX Plus in the patch marked out with the help of a trowel in upward direction. Immediately after this, level the surface with the help of an aluminium float

Levelling Coat:

After the patch coat, a uniform coat should be applied on the wall with a steel float or trowel. Use an aluminium float (6") to further level the surface

Drying:

Leave the surface to dry for one day

Finishing Coat:

The finishing of the surface needs to be done with 1 - 2 coats of fine Putty / JK Cement WallMaxX as per requirement