

Case Study for DALMIA MAGIC Application in Police Academy,Rajgir, Bihar-Live Results

Our team contacted Bihar Police Headquarter for their project of Police Academy at Rajgir,Bihar and we arranged trial and application at their site.

The trial was done on the below mentioned scope:

1. To be done on external face of building.
2. Max thickness of DALMIA MAGIC to be less than 2 mm per coat.
3. To be done on Plaster.
4. Painting to be done without primer on SKIM COAT to assess the shade variations after final coat of exterior paint.



Resources used:

DALMIA MAGIC trained applicator trainer.
Dalmia Magic Bags with tools and tackles.
6Paint as per specification.
PPEs for Applicator.

Results:

On visual observations:

1. Superb finish with tough surface in feel of hand.
2. Planarity maintained as per the substrate ready given to us.
3. Emulated Light Sand stone color as the natural tone.

On technical evaluation based on coverage and yield.



SI NO	DALMIA MAGIC PREMIUM SKIM COAT	OTHER TRADITIONAL WALL PUTTY
1	It is a skim coat, unlike traditional wall putty.	Traditional wall Putty
2	It is fire resistant	Not fire resistant
3	Resulted a coverage of 12 Sq.ft per Kg	Gives a coverage of 6-7 Sq.ft per Kg
4	Use of primer may not mandatory based on shade appearance	Use of primer mandatory
5	Glossy and matt finish can be achieved	different style of finish is not achievable
6	More paint coverage/ paint area yield	less paint coverage
7	Primer cost of Rs. 1.25 / Sq.ft can be saved	Primer cost of Rs. 1.25 / Sq.ft is required
8	Application cost of Rs. 0.75 / Sq.ft can be saved, not needed.	Application cost of Rs. 0.75 / Sq.ft is required

Live Technical Observation:

S.No.	Description	Dalmia Magic
1	Product Usage	Dalmia Magic
2	Coverage Sqft per Kg	11
3	Use of any Primer	Yes
4	Finishing	Matt
5	Coverage for Paint	1 litre = 80 sq.ft.
6	If Primer done then Cost Saved	1.5
7	Application Cost Saved	20%
8	Cost Sqft per Kg	2

