

## Comparison

MagicPlast	Conventional Plaster
Approx. Rs. 10 per sq. ft.	Sand Cement Plaster: Approx. Rs.10 per sq. ft. Wall Putty : Rs. 6 per sq. ft. Total Cost Rs. 16 per sq. ft.
Quality Consistency	Not Possible
Lower Thickness Required	High Thickness Required
Shrinkage Crack Free	Not Possible
Higher Coverage	Lower Coverage
Sharp Edges Possible	Not Possible
Flat Surface And Attractive Workability	Not Possible
Lesser Wastage	Higher Wastage
Water Curing Not Required	Water Curing Required
High Thermal Insulation	Not Possible

## Technical Specifications

Properties	Elite	Superfine
Appearance	White Powder	White Powder
Pot Life	15 minutes	12 minutes
Dry Bulk Density	650-710 kg/m <sup>3</sup>	900 kg/m <sup>3</sup>
Initial Setting Time	12-15 minutes	10-12 minutes
Coverage @ Thickness 13mm	22-24 sqft / bag of 25kg	18-20 sqft / bag of 25kg

**magicrete**  
magic behind happy homes

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a product by **magicrete**  
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**MAGICPLAST**<sup>TM</sup>  
single-coat gypsum plaster



**Smoothness  
Beyond  
Imagination**



Fed up of two stage conventional plastering process?

Want crack free walls?

Use **MAGICPLAST**, single coat plaster for smooth finishes.

**MAGICPLAST** is a gypsum based plaster product by Magicrete. It is lightweight, one coat plaster suitable for internal wall surfaces made up of block, brick or stone. Special additives & aggregates added in Magicplast give better surface finish, coverage and workability as compared to normal gypsum plasters.

Gypsum, the magic mineral has been used by man in construction in the form of plaster since 9000 B.C.

More than 1500 million meter square of European interior surfaces are covered every year with gypsum based plaster or plaster board.



### Magiciplast Superfine



- Direct application on RCC, blocks and bricks.
- Single coat application coverage of 18 sqft/bag of 25 kg.
- Achieves required strength.

### Magiciplast Elite

- High coverage of 24 sqft/ bag of 25 kg.
- Gives very smooth finish.
- Enhanced light reflectance, imparts true colour tone and gloss for paint.



Also available as Magic Plaster – Spray Elite for spray plaster machines.

### Features



**High Strength** - High degree of compressive and tensile strength increases overall masonry strength & load bearing capacity.



**Excellent Coverage** - Due to lower density & higher volume, Magicplast covers 24 sqft / bag with a thickness of 13mm for Magicrete AAC block.



**Cracks Free Wall** - Gypsum does not shrink or expand once setting process is complete. Hence, crack free walls are assured.



**Economical** - Gypsum provides smooth satin finish walls in single coat. Hence, saves money as well as time required for putty coating.



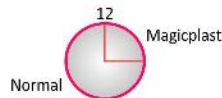
**Single Coat Application** - It can be used directly on all internal surfaces like brickwork, hollow & solid concrete block.



**No Curing. Saves Water** - Gypsum is self setting material hence once set does not need any more curing.



**High Thermal Insulation** -  $R = 0.07 \text{ m}^2\text{K/W}$  at 13mm thickness.



**Faster Application** - Its remarkable flowability allows faster application. With the use of spray plaster machine, workability can be enhanced by 2 times.

### Application

- The background to be plastered should be free from dust & loose mortar.
- For higher coverage pre wetting of background is recommended.
- For plaster mix, add gypsum to water not vice versa & water to Magicplast ratio should be 1:1.5.
- Stir the mixer with a mixing rod thoroughly.
- Prepare plaster mix which should not last more than 15 minutes.
- Do not mix additional dry material once the mix begins to set.
- A single coat should not exceed 13 mm, if more than 13 mm thickness is desired than it can be done after drying of first layer.
- To enhance the workability plaster spray machine can be used.