

READY MIX PLASTER

Ready Mix Plaster is a polymer modified ready to use plaster which designed to provide smooth finish on internal (Plastering) & external (Rendering) surface with stronger bond to substrate. Ready Mix Plaster gives strong adhesion on wall/ceiling with excellent water resistant, crack free workability's that will protect wall. Ready Mix Plaster is covering rough surface of wall, column, ceiling, and other parts of the building with thin coat of plasters to form a smooth, hard, and durable surface capable of protecting external surface against penetration of rainwater and other atmospheric vagaries. It provides flat base for painting, minimize the inconvenience of maintenance and speed up the construction.

■ PRODUCT DESCRIPTION

PRODUCT: Ready Mix Plaster is a blend of cement, graded sand, fillers with chemical additives which is convenient, easy to use and bonds stronger to its substrate. It can be applied at minimum 10-12 mm layer.

COMPOSITION	Grey cement, graded sand, selected fillers, polymers
COLOUR	Grey powder
TESTS	Tested according to IS-4031, EN-1015, & Internal test methods
FEATURES	<ul style="list-style-type: none">• Reduce rebounding loss• Cracks free wall• Providing high compressive strength• Smooth Plastering• Higher durable plaster• Excellent Coverage
USES	<ul style="list-style-type: none">• Pre-mixed material, only water to be added• Easy to apply• Faster application• Used for interior as well as exterior wall surface• Save Time• Cost-Effective

TECHNICAL ANALYSIS (CONFORMS TO IS-4031, EN-1015, & INTERNAL TEST METHOD)

PARAMETERS	SPECIFICATIONS
CONSISTENCY	15 – 25 %
POT LIFE	> 30 minutes
SETTING TIME	30 – 600 minutes
DENSITY	1.8 to 2.1 g/ml

MECHANICAL PROPERTIES

PULL-OFF STRENGTH (AFTER 14 DAYS)	
DRY ADHESION	> 0.30 MPa
COMPRESSION & FLEXURAL STRENGTH (AFTER 28 DAYS)	
COMPRESSIVE STRENGTH	CS IV-- >6 MPa
FLEXURAL STRENGTH	> 1.5 MPa
WATER PROPERTIES	
WATER ABSORPTION (AFTER 28 DAYS)	≤ max 0.20 kg/Meter ² Min ^{0.5}
WATER RETENTIVITY	> 95 %

GUIDANCE FOR USE

SUBSTRATE	<ul style="list-style-type: none"> Bricks wall Surface Concrete Surface Stone wall ACC Block/ Concrete Block surface 																		
SUBSTRATE PREPARATION	<ul style="list-style-type: none"> Clean loose particles, dirt, grease and traces of foreign materials from the surface, if necessary, by using wire brush/sand paper or by chipping. For loose plaster areas or wall which are not even, then remove the defective material. The surface should be properly clean. The substrate should damp and excess water to be swept off. 																		
MIXING	<ul style="list-style-type: none"> Take approx.150-250 ml of clean water for 1 Kg of Ready-Mix Plaster in a clean bucket. It is very important that add material into water and not vice versa. Mix continuously for 4-5 minutes by using wooden trowel to obtain a homogeneous lump-free mixture. Allow the resultant paste to stand for about 5 minutes for the additives to dissolve. Re-mix again for about 2 Minutes. The mixture is now ready to apply. 																		
APPLICATION	<ul style="list-style-type: none"> Apply plaster to the substrate by using some pressure with a steel/wooden trowel. Spread a mixture evenly to the required thickness & finish using straight edge. Apply aluminium level patty from bottom to top direction followed by left to right and right to left direction to level the plaster Plain plaster wall ready for next application Curing can be started after 24-hour, it is recommended 2-3 times a day for 7 days. 																		
COVERAGE	Ready-Mix Plaster's approx. coverage per 40 Kg bag is mentioned below:																		
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="background-color: #FFD700;">Substrate</th><th style="background-color: #FFD700;">Thickness</th><th style="background-color: #FFD700;">Coverage</th></tr> </thead> <tbody> <tr> <td>Light weight blocks</td><td>10-12 mm</td><td>17 – 18 Sq. ft.</td></tr> <tr> <td>Light weight blocks</td><td>18 mm</td><td>11 Sq. ft.</td></tr> <tr> <td>Brick Wall</td><td>10-12 mm</td><td>14 – 15 Sq. ft.</td></tr> <tr> <td>Brick Wall</td><td>25 mm</td><td>7 – 7.5 Sq. ft.</td></tr> <tr> <td>RCC Surface</td><td>10 mm</td><td>20 – 22 Sq. ft.</td></tr> </tbody> </table>	Substrate	Thickness	Coverage	Light weight blocks	10-12 mm	17 – 18 Sq. ft.	Light weight blocks	18 mm	11 Sq. ft.	Brick Wall	10-12 mm	14 – 15 Sq. ft.	Brick Wall	25 mm	7 – 7.5 Sq. ft.	RCC Surface	10 mm	20 – 22 Sq. ft.
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	<ul style="list-style-type: none"> Plaster more than 10-12 mm thickness must be applying in 2 coats. Coverage depends on quality and nature of substrates. 																		
USAGE PRECAUTIONS	<ul style="list-style-type: none"> Do not add more water than recommended. The maximum thickness for the 1st coat should not exceed 10-12 mm. Ready Mix Plaster contains non-toxic material but still, it is important to wear a safety kit when mixing and handling. 																		
PACK SIZE	<ul style="list-style-type: none"> 40 kg 																		
SHELF LIFE	<ul style="list-style-type: none"> 6 Months 																		

STORAGE INSTRUCTIONS

- Store in cool, dry, and well-ventilated place away from heat source or direct sunlight.
- Keep away from water and damp area.
- Avoid using partially used material; open bags with partially used material should be kept in a bag with its mouth tied tightly with string to prevent lump formation.
- As temperature, humidity, water addition and other parameters vary from site to site; the above information should be treated as general guidelines.

HEALTH & SAFETY INFORMATION

- It contains only eco-friendly fillers and additives. However, being cement based, it is alkaline and hence it is advisable to avoid direct eye and skin contact with this. In case of eye contact, kindly wash with clean water at least for 15 minutes and seek medical help and keep it out of children reach.

Disclaimer: Technical information is based on knowledge and experience of accurate results. These results refer to the long-term application of the product in practice. Recommendations and suggestions are listed for guidance only. Since site conditions during the applications are beyond the manufacturer's control, hence it is also the responsibility of the end-user to ensure that the content in their possession is the latest case.