

# SHULIN<sup>®</sup>

MATTER OF BONDING













## READY MIX PLASTER PRODUCT CATALOGUE



**Shulin Ready Mix Plaster**, a pre-mixed Cement based solution enriched with PP Fibre is a growing substitute for the Traditional Site mix Wall Plaster Process

We are committed to provide on-site technical support, wherever required along with on-time delivery.

## ► FEATURES & BENIFITS

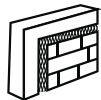
-  Ultra Smooth Surface Finish
-  Excellent Quality Raw Materials
-  Easy To Use & Store
-  Effortless Application
-  Economical & Time Saving
-  Pre-mixed
-  Polymer Is Added To Enhance Overall Durability & Strength
-  High Quality Fibre To Avoid Leakages & Cracks
-  Can Be Used For Interior & Exterior Plastering
-  Plastering Gets Done Even With Single-coat Application
-  No Hassle To Maintain Cement : Sand Ratio
-  Excellent Adhesion

## ► RECOMMENDED APPLICATION

-  Fly-Ash AAC Blocks
-  Aluminium Framework RCC Wall
-  Fly-Ash Brick Walls
-  Clay Brick Walls
-  Stone Walls
-  Ceiling Plaster



## ► DIRECTIONS FOR USE



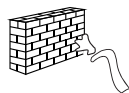
### CONCRETE BLOCK JOINTS

All Concrete and Block joints must be covered with a fibre mesh.



### SURFACE CLEANING

The substance should be well cleaned and free from dust particles.



### WALL WETTING

Dampen the wall before application of Plaster and it should be in touch dry condition.



### MIX PREPARATION

In 6-7 litres of good quality water, add one bag of SHULIN RMP 40 Kg.



### LEAVE TO REACT

Leave the mix to React for 3-4 mins and remix before use.



### REMIXING

To achieve desired consistency, Remix for 7-8 mins by adding extra water.



### APPLY ON WALL

The mixture should be applied on wall while the basecoat is wet. Ensure levelling with the help of appropriate tools.



### LEVELLING

After final coat, ensure proper levelling with the help of appropriate tools.



### WATER CURING

After 18 to 24 hours of natural air curing, water curing should be done by spraying water, 5 to 6 times a day, for minimum 7 days.



**NOTE :** If second coat is required, ensure grooving on first coat to provide good grip for second coat.

## ► READYMIX PLASTER COATS

- **Internal:** 06mm-14mm single coat is highly recommended for internal plaster covering.
- **External:** Two coats are recommended to cover the external side of walls. Base coat of 06mm-14mm and finish coat of 15mm-25mm to get thickness between 25mm-30mm, further depending upon site conditions. After base coat, minimum 2 to 3 days curing should be done before final coat's application.

## ► SHELF LIFE

6 months if kept in a cool, dry conditions in unopened original packing.

## ► HEALTH SAFETY PRECAUTION

This Product is non-toxic and non-hazardous. Use of gloves, dust-mask and goggles is recommended. In case of contact with eyes, wash eyes with plenty of clean water and immediate medical aid should be sought.

\* For more information on SHULIN RMP, kindly refer product data sheet which will be provided on request.

## ► TECHNICAL SPECIFICATIONS

<b>Appearance</b>	<b>Free Flowing Grey Powder</b>
<b>Binder</b>	<b>Ordinary Portland Cement OPC 53, Classified &amp; Processed Fly Ash</b>
<b>Polypropylene Fibres</b>	<b>High Quality PP Fibres from Leading Reputed Manufacturer</b>
<b>Additives</b>	<b>Performance enhancing proprietary additives to improve :</b> <ul style="list-style-type: none"> <li>► Water Retention</li> <li>► Strength &amp; Durability</li> <li>► Anti-Sagging</li> <li>► Water Resistant</li> <li>► Adhesion Strength</li> <li>► Easy Spreadability &amp; Workability</li> <li>► Minimize Rebound Wastage</li> <li>► Maximum Drying Shrinkage</li> </ul>
<b>Fine Aggregates</b>	<b>Brown River Sand with 100% Fine Processed built in specific particle size distribution.</b>
<b>Maximum Size of Fine Aggregate</b>	<b>3.00 mm</b>
<b>Water Demand</b>	<b>6 litres to 7 litres of Good Quality Water per bag of 40 Kg</b>
<b>Wet Density</b>	<b>Around 2000 Kg per cubic meter</b>
<b>Initial Setting Time</b>	<b>150 to 170 minutes</b>
<b>Pot Life</b>	<b>60 minutes to 75 minutes</b>
<b>Compressive Strength</b>	<b>&gt;14.00 N/mm<sup>2</sup> – After 28 days of curing</b>
<b>Plaster Thickness</b>	<b>6 - 14 mm for 1st coat, 15 - 25 mm for 2nd coat, 26 - 35 mm for 3rd coat. But thickness shall not exceed 12 - 14 mm per day per layer of plaster coat.</b>
<b>Practical Coverage</b>	<b>For an average thickness of 10 mm to 12 mm plaster, one 40 kg bag of SHULIN RMP can give coverage of 18 sq.ft. to 20 sq.ft.</b>
<b>Shelf Life</b>	<b>6 months from the date of manufacturing if kept in cool, dry condition in unopened original packing.</b>
<b>Packaging</b>	<b>40 Kg per Bag</b>

## ► COMPARISON WITH CONVENTIONAL METHOD OF SAND-CEMENT PLASTERING

PARAMETERS	SHULIN READY MIX PLASTER	CONVENTIONAL MEATHOD OF PLASTERING
Sand Gradation	Well Graded	Not Graded
Ingridient Quality & Proportion	Using clean & graded material & PLC Controlled process giving consistent quality	Use availaible sand & manual mix which does not give consistent quality
Handling and Storage	Available in bags. Easy to handle & store.	Available in loose materials & very difficult to handle & store.
Application Time	Very Fast	Takes time
Shrinkage Of Cracks	Negligible	Very high
Wastage	Negligible	High wastage
Organic Efflorescence	NIL as polymer added to product.	May happen due to the usage of low quality river sand.
Costs	The cost of application is faster as comes in pre - mixed bags which saves cost & time.	Increases cost as need to input & mix on site & might not give desired quality & consuming more time

## ► WARRANTY

- The Products supplied by the Company M/S. SHULIN INFRAA LLP are warranted to comply with the Product Specifications mentioned in this Product Brochure and Product Literature, provided they are applied and used in conformance with the processes and procedures described in this Product Brochure and Product Literature and as per the Standard Civil Engineering Practices.
- In the unlikely event that the Products are found to be not in compliance with the mentioned specifications, the Company undertakes to replace the Products that are specifically determined to be non-compliant. Any suspected defects or non-compliance of the Products must be reported to the Company in writing within 72 hours of being detected or within 45 days of the supply of the Products, whichever is earlier. The Company shall have the right to inspect the area where the suspected defects are detected and in case any such suspected defect is determined to be caused specifically due to a deficiency in the Products supplied by the Company, the Company undertakes to provide replacement only for the specific area where the Product defect is observed and detected and not for the whole room, floor, building, or project where the Company's Products may have been used.
- Since the Company does not have control over the installation or application or end use of the Products, the Warranty shall not cover any defects that may be caused due to defective or faulty or unskilled workmanship, application, curing or treatment of the Company's Products. The Warranty is limited only to replacement of the Products in question and does not cover any incidental and consequential costs or damages including, but not limited to, the costs of removal and reapplication of the Products, delays, loss of profits or any other liabilities that the purchaser/end user may incur towards themselves or any third parties.  
The above Warranty is the complete set of Warranties offered by the Company on its Products and over rides any other Warranties that may be implied or expressed in any other Product Literature or that may erroneously be inferred by the purchaser through interactions with the Company's representatives or with any consultants, architects, etc.
- The Company may, in the interests of customer service, relax the above Terms of Warranty. Any such relaxation shall be at the sole discretion of the Company and shall not be taken to be a precedent for the future. Such relaxation can only be authorized in writing by the CEO or Designated Partners or Directors of the Company. No other Company's representative shall have any rights to relax the Terms of the Warranty without explicit authorization in writing from the CEO or Designated Partners or Directors.

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- The Company is continuously striving to improve and develop its products to better meet the industry requirements and to provide superior performance. Therefore, the Company reserved the right to modify or improve the Products' specifications or the information in this Product Brochure and Product Literature at any time, without notice. The latest Product's specifications and information can be obtained by directly contacting the Company.
- The Company, as used above, shall refer exclusively to M/s Shulin Infraa LLP as represented by its Board of Directors or Designated Partners and any communication may be referred to the contact details of the Company, as provided in this Product Brochure and Product Literature.
- The images of the product used on the brochure/website and on social media are artistic impressions and may differ while viewing the actual product.

## ► Important points to be noted

The information given in this Product Brochure and Product Literature is for general guidance only since it is not possible to give specific instructions

## ► Notice

- It is important that all standard Civil Engineering Practices are followed and adopted for application of Ready-mix plaster, Block Joining Mortars and Tile Adhesives. The coverage indicated in this Product Brochure and Product Literature is based on our practical experience and the same can vary from one site given to get a broad idea. The company reserves the right to modify the information detailed in this Product Brochure and Product Literature, at any point of time, without any for various site conditions or to control the plaster applications. Details given in this Product Brochure and Product Literature are approximate and are condition to another site condition as well as from one applicator to another applicator.
- In case of further clarification about this product, kindly contact the company's technical persons immediately, before use.

# SHULIN INFRAA LLP

An ISO 9001:2015 Certified Company

### REGD. OFFICE:

111-A SHANTIVAN,  
LINK ROAD, ANDHERI (W.),  
MUMBAI : 400 053

### FACTORY ADDRESS:

SURVEY NO.: 1765, ENDHAL VILLAGE,  
NH-48, TA-GANDEVI DIST- NAVSARI,  
GUJARAT : 396 430.

### CONTACT US:

☎ 709-709-8884  
✉ info@shulin.in  
🌐 www.shulin.in

