

# SHULIN<sup>®</sup>

M A T T E R   O F   B O N D I N G

## NEW TILE ADHESIVE : S-02








SPECIALLY DESIGNED FOR FIXING CERAMIC  
AND VITRIFIED TILES ON WALL







**SHULIN NEW TILE ADHESIVE S-02** is a Pre-Packed grey cement and polymer based Tile Adhesive. SHULIN NEW TILE ADHESIVE S-02 include silica sand and specific additives for fixing ceramic, semi-vitreous tile, vitrified tiles of regular size. It is also suitable for tile-on-tile application. It is recommended for Indoor application, in dry as well as wet areas.

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

## ► FEATURES & BENIFITS

-  **Ready to use by just adding water on site**
-  **Saves Time**
-  **Good Bond Strength**
-  **Excellent Adhesion**
-  **Consistent Quality**
-  **Spreads Easily and Good Slip Resistance**
-  **Saves Cost**

## ► Recommended Application:

-  **Ceramic And Vitrified Tiles On Floor And Wall**
-  **RCC Floor**
-  **Tile on Tile**
-  **Cement based Plaster**
-  **Screeds and IPS**
-  **Rough Natural Stone, etc.**
-  **AAC Blocks**



\*Adhesive grade recommended for different tile/stone sizes are subject to thickness and weight of tiles, groove between tile/stone, environment conditions, application area and application height, etc. You may refer to Product Data Sheet or contact our technical advisor on 709-709-8884.

## ► DIRECTIONS FOR USE

**SHULIN®**  
MATTER OF BONDING



### PREPARATION

In a clean bucket, mix SHULIN S-02 in 20-30% of Water.



### MIXING

Mix for 5-10 mins homogeneously.



**LEAVE TO REACT**  
for 5 minutes.



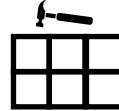
### APPLICATION TIME

use within 30 minutes.



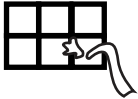
### SURFACE CLEANING

clean the surface where SHULIN S-02 is to be applied.



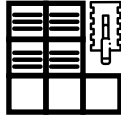
### LEVELLING

the surface should be levelled.



### WET SURFACE

Pre wetting of substrate.



### APPLY S-02

apply SHULIN NEW TILE ADHESIVE : S-02 with notch trowel.



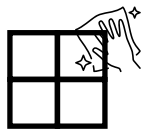
### APPLY TILES

Fix the tiles after applying SHULIN S-02.



### REMOVE EXTRA

remove any excess mortar left above the tiles.



### CLEAN

clean the surface and joints.



**LEAVE TO DRY**



## ► SHELF LIFE

- 6 months from the date of packaging if kept in cool, dry conditions in unopened original packaging.

## ► HEALTH SAFETY PRECAUTION

- 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.

## ► PRECAUTIONS, LIMITATIONS AND NOTE

- Do not apply directly to gypsum plaster or boards, fibre cement boards or other drywall partitions, plywood, chipboard, particleboard, decorative laminates or resilient flooring, metal, plastic deformable surfaces or subject to variations.
- Adhesives for ceramic tiles, vitrified tiles, bricks, marble and stone are not designed as replacements for waterproofing coating.
- Add Powder to Water always.
- Do not add more water other than prescribed.
- Do not mix sand cement in adhesive on site.
- Do not use on wet screed.
- Protect from Foot Traffic for atleast 24 Hours.
- Leave gap between the tiles for grouting.

\* For more information on SHULIN S-02, kindly refer product data sheet which will be provided on request.

## ► TECHNICAL SPECIFICATIONS

<b>Appearance &amp; Form</b>	<b>Grey Free Flowing Powder</b>
<b>Pot Life</b>	<b>3 hours @ 25°c</b>
<b>Setting Time</b>	<b>24 hours for heavy foot traffic @ 30°c</b>
<b>Tensile Adhesion</b>	<b>&gt;1 Mpa or 2.5 KN @ 28 days dry condition</b>
<b>Shear Adhesion</b>	<b>12.5 KN @ 28 days dry condition</b>
<b>Coverage</b>	<b>45-55 sq.ft @ 3-4mm thickness</b>
	<b>25-30 sq. ft @ 6-7mm thickness</b>
<b>Shelf Time</b>	<b>6 Months</b>
<b>Water Ratio</b>	<b>20-23%</b>
<b>Notch Trowel Type</b>	<b>Use Thin Bed Trowel (6mm)*</b>
	<b>Use Thin Bed Trowel (12mm)*</b>
<b>Open Time</b>	<b>&gt;25 min @ 25°c</b>
<b>Slip Resistance</b>	<b>0.3 to 0.4mm</b>
<b>Standard Compliance</b>	<b>EN 12004, IS 15477-2019, ISO 13007</b>
<b>Class</b>	<b>Type - 2</b>
<b>Used For</b>	<b>Ceramic Tiles, Vitrified Tiles (2x4, 4x4, 4x6, 3x3) for Wall &amp; Flooring</b>
<b>Packaging</b>	<b>20 Kg per Bag</b>

Note: On Site Testing may show slight variation due to site conditions and / method of testing. For More Information on SHULIN NEW TILE ADHESIVE S-02, kindly refer to Product Data Sheet which will be provided on request.

## ► COMPARISION WITH TRADITIONAL METHOD

PARAMETERS	SHULIN NEW TILE ADHESIVE S-02	CEMENT SAND MORTAR
Sand Gradation	Well Graded	Not Graded
Handling and Storage	Easy	Very Difficult
Application	Easy to use, only mix with water	It is not Pre-packed hence takes time to mix desired product
Tile Soaking	Not Required	Required
Application Time	Very Fast	Takes Time
Wastage	Low	High
Bonding Strength	Better Bonding Strength	Low Strength
Costs	Saves Cost	Increases cost
Grouting Time	Within 24 Hours	Within 36 Hours
Layer Thickness	Thin Layer	Thin Layer
Cracks in Tiles	Negligible	High Chances

## ► 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.

## ► DISCLAIMER

- All recommendations, suggestions, statements and technical data provided in this Product Brochure and Product Literature are based on the best current knowledge available and are given for illustrative and informative purposes only and the Company does not bear any responsibility for any loss or damages that may be caused by the use / misuse of such data. It is assumed that all Standard Civil Engineering Practices shall be adopted for the use and application of the Company's Products and all information provided in this Product Brochure and Product Literature are based on the above assumption. The Company shall not be responsible for any loss or damages that may be caused by a deviation from the Standard Civil Engineering Practices or by any use or application of the Company's products not in consonance with the information provided in this Product Brochure and Product Literature.
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- Therefore, the Company makes no claims herein as to the particular suitability or fitness of the Products for specific applications or purposes. The Company may be contacted directly, if any additional information is required for any specific use or application of its Products, prior to the purchase and use of the Company's Products by the purchaser/end user.
- 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

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