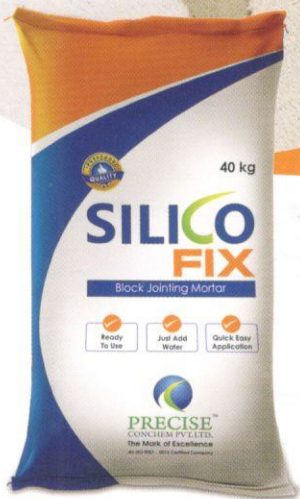
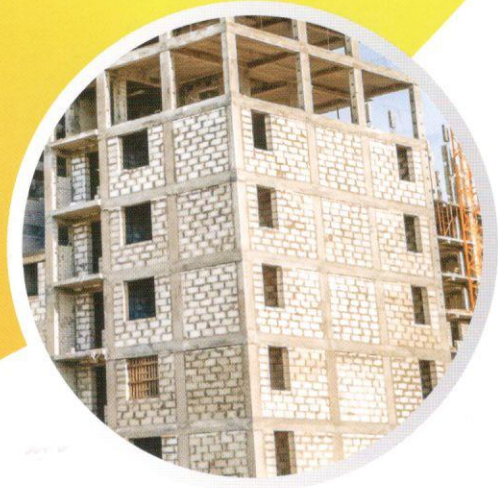


For
**Thin bed AAC
Block Jointing
Mortar**



SILICO[®] FIX

BLOCK JOINTING MORTAR

SILICO Fix is well formulated factory made ready to use Polymerized Drymix Block Jointing Mortar which can be used for laying AAC Blocks and other types of Light Weight blocks. It is a high quality water resistant Thin Bed Mortar specially formulated after extensive research and studies. **SILICO Fix** meets the requirements of GreenPro Ecolabel and qualifies as Green Product.

BENEFITS



Enhances speed of construction



80% storage space at site is saved



No seepage and water penetration through joints



More cost effective due to lesser consumption quantities



Higher productivity

SPECIFICATIONS

| | |
|--|--|
| Appearance and Color | Free Flowing Granular Grey Powder |
| Binder | Ordinary Portland Cement 53 with Pozzolanic Materials |
| Fine Aggregates | Processed Fine Aggregates (Purified, Graded And Proportioned Gujarat natural River Sand) |
| Maximum Aggregate Size | 1.0 mm |
| Water Demand | Approximately 8.00 Litre to 9.00 Litre per 40 kg bag (19% to 21%) |
| Pot Life | 60 minutes |
| Bed/Joint Thickness | 3 mm to 4 mm |
| Self Curing | Yes |
| Practical Consumption | Around 120 sq.ft. to 130 sq.ft. for 4" AAC block wall. Around 80 sq.ft. to 86 sq.ft. for 6" AAC block wall. *This may vary from site to site and from applicator to applicator |
| Dry Density | 1.55 Kg/Litre |
| Wet Density | 1.80 Kg/Litre |
| Compressive strength (As per ASTM C 109) | 7 Mpa – 9 Mpa |
| Tensile Adhesion Strength (As per ASTM D 4541) | > 0.50 Mpa |
| Packing | 40 kg bag |

Note: Unless specified, all the above mentioned technical results/data are average values obtained after 28 days of curing time, in laboratory test condition

FEATURES



- Water Resistant
- Self curing
- Only 3 mm joint bed thickness
- No raking of joints before plastering
- Better Adhesion
- Reduced Shrinkage

DRY MIX PRODUCT INGREDIENTS

Proportionate quantities of OPC, Classified Fly Ash, Graded River Natural Sand, Hydrated Lime, PP Fibres, Enhancing Proprietary Additives ensures better strength and durability parameters



METHOD OF APPLICATION

- The AAC block should be well saturated/wet with water before commencement of block laying work.
- Loose particles, dust, and traces of foreign materials that may affect bonding of the **SILICO Fix** Mortar with the block, should be completely removed.
- The surface should be structurally sound.
- Efflorescence and any other contaminant which could impair the bonding should be removed.
- Surface defects such as cracks, holes or voids should be made good prior to application.

Clean surface of the block or brick before application so that the surface is free from dust, loose particles which may affect the adhesion of **SILICO Fix**. The block or bricks must be saturated well with water before application of **SILICO Fix** Block Jointing Mortar.

Take 8 litres to 9 litres of potable water depending upon the thickness of the joints to be built-up for one full bag of 40kg **SILICO Fix** powder. Pour the minimum required quantity of water in a mixing tray of suitable size. Add half the taken quantity of **SILICO Fix** in the first instant and immediately start mixing. Add the remaining quantity of **SILICO Fix** quickly, but gradually and again start mixing thoroughly until a smooth, creamy, lump-free homogeneous and cohesive consistency mixture of **SILICO Fix** is achieved. For proper activation of additives/polymers in **SILICO Fix**, allow the mixture to stand/rest without disturbing for 2 minutes. Now the **SILICO Fix** mixture is ready for use/application. Do not add extra water to the mixture than prescribed above, as addition of extra water will lead to loss of strength and create microscopic and /or visible pores.

Using a proper notched trowel, apply a thin and uniform layer of **SILICO Fix** Mortar in thickness of 2 mm to 3 mm in horizontal and vertical joints of the block and then place the block above it. Clean the excess flush material to clean the joint areas and reuse the same immediately. Continue laying the next block with the same procedure to complete the masonry wall. **SILICO Fix** should be applied within 60 minutes to 90 minutes of its preparation.

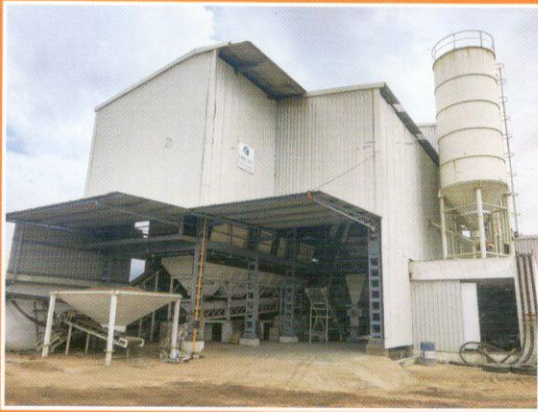
SHELF LIFE

3 Months, if kept in cool, dry condition in unopened original packing.

SERVICE ASSURANCE

We provide On-site Technical support, wherever required. In order to ensure On-Time Delivery, we have our own transport as well

OUR INFRASTRUCTURE



SILICO Fix is manufactured by M/s Precise Conchem Pvt. Ltd., at their plant located at GIDC Panoli, Bharuch District of Gujarat in an automated process according to formulations based on various products studies and research undertaken. The plant is one of the most modern plants in India, in which all the critical manufacturing processes and operations are completely controlled by P.L.C SYSTEMS (Programmed Logic Controller). The plant has the capacity to produce 25,000 bags @ 40 kg per bag of Polymerized Drymix Mortar/Plaster per day. The company assures, seamless supply of 100% consistent high quality mortars and plasters at all point of times, round the year.

WARRANTY:-

The Products supplied by the Company are warranted to comply with the Product Specifications mentioned in the Product Brochure, provided they are applied and used in conformance with the processes and procedures described in the Brochure 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 defective Product was applied, 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 may incur towards any third parties.

The above Warranty is the complete set of Warranties offered by the Company on its Products and overrides 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 / Directors of the Company and no Company representative shall have any rights to relax the Terms of the Warranty without explicit authorization in writing from the CEO / Directors.

DISCLAIMER:-

All recommendations, suggestions, statements and technical data provided in this Leaflet are based on the best current knowledge available and are given for illustrative and informative purposes only and the Company does not bear without 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 Leaflet is 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 Leaflet.

The Company supplies products as per the Specifications provided in this Leaflet, and all the information in this Leaflet is for general guidance of the purchasers only. It is not possible, in this Leaflet, to provide information with respect to all potential uses and applications of the Company's Products and for the various site conditions where the Products may be used.

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.

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 Leaflet at any time, without notice. The latest Products' specifications and information can be obtained by directly contacting the Company.

The Company, as used above, shall refer exclusively to M/s Precise Conchem Private Limited as represented by its Board of Directors, and any communication directed to the Company may be preferred to the contact details of the Company, as provided in this Leaflet.

CERTIFIED BY



PRECISE
CONCHEM PVT. LTD.
The Mark of Excellence
An ISO 9001 - 2015 Certified Company

MANUFACTURERS OF POLYMERISED SPECIAL DRYMIX MORTARS AND PLASTERS

Internal & External Plasters | Light Weight Block Jointing Mortars | RCC Repair Mortars |
Red Bricks Masonary Mortars | Micro Concrete | All Types of Grouts | All Types of Tile Adhesives

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