



# VURA®

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# VURA FixLoc™

## Adhesive For Concrete Blocks, AAC Blocks, Siporex Blocks And Fly Ash Bricks

**VURA FixLoc** is a pre-mixed cementitious powder adhesive composed of Portland cement, hydraulic binders, bonding agents, silica sand and special adhesives. It is formulated as a crack free, superior, flexible, high bonding adhesive for AAC Blocks. It can also be used to fix Concrete, Cement blocks, Siporex Blocks and clay bricks to prevent clay absorption of water for adhesive mix. It is a masonry mortar for use in laying bricks, block.

When mixed with water, **VURA FixLoc** produces a workable mortar that generates, once cured, a high adhesive power between blocks.

### CHARACTERISTICS

- Easy to mix and apply, just add water
- High bonding strength
- Flexible, shock and impact resistance
- Crack resistant
- No curing is required
- Can be applied in thin jointing with high adhesion
- Ideal for internal and external application
- Excellent strength and adhesion between panels
- Suitable for hot weather
- Suitable for concrete blocks, AAC blocks, Siporex blocks, Hollow blocks, Cement mortar blocks / bricks

### SCOPE OF USE

**VURA FixLoc** is specially designed for bonding AAC panels. It can also be used for laying Autoclaved Aerated Concrete blocks and clay bricks for internal and external application.

### SUBSTRATE PREPARATION:

The block side surfaces should be free of loose particles, dust, dirt, grease, oil. Spray the panel side surface with water before applying the mix. If expansion joints exist, do not cover with adhesive. Follow the specifications for the requirements for expansion joints.

### MIXING

Add **VURA FixLoc** bag of 40 kg into a container of 7.6 to 8.4 litre of clean water. Mix until a uniform lump free consistency mix achieved. Leave the mix to stand for 5 minutes and remix before uses. Use low speed mechanical mixer (200-300 rpm) with a suitable mixing paddle. The mixture remains workable for 90 minutes after mixing at 23°C & 50% R.H.

### APPLICATION

Apply a layer of **VURA FixLoc** mix to the horizontal and vertical side surface of the panel/block using a 6mm toothed trowel. Apply the adhesive to a one panel/block at a time. Position the AAC panel/block gently and use rubber mallet for tapping and a spirit level to check for alignment

Apply **VURA FixLoc** in thin layer (2 to 3mm) to enable the continuity of the thermos-insulation of the AAC blocks. Pay attention that the applied layer does not form a superficial film before fixing the block. If this occurs, apply a fresh new layer.

Leave a space of about 1-2 cm between the top of the block wall and the bottom of slab or beam in order to avoid formation of cracks along the wall. The cavity should be filled with compressible material.

Plastering could be applied to AAC walls after 24 hours of fixing the panels/blocks.



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## CLEANING

Clean all tools and application equipments with water before the product dries. Hardened/cured material can only be removed mechanically.

## PLEASE NOTE

- Do not apply FixLoc in rainy weather, high winds or stormy weather.
- Ensure that first layer of block is fix proper with perfect alignment.
- During sunny season, working area should be cover to prevent direct sun effect. Keep equipment cool and used normal water.
- The possible humidity rise is expected in the floor, it is recommended to apply proper damp course coating.
- Spray the block wall with water before applying the plaster.
- Keep 1-2 cm gap at the top end of the well below the slabs or the beam. Fill the gap with comprisable material.

## PRODUCT SAFETY

Product contains cement, strongly alkaline reaction with moisture, so protect skin and eyes. After contact wash immediately with plenty of water. After eye contact also seek medical advice. It is recommended to use protective gloves and goggles. For further and complete information about the safe use of our product, please refer to the latest version of our Material Safety Data Sheet.

## GENERAL DATA

1. Appearance : Cementitious Lumps Free Grey Powder
2. Pack size : 40 Kg Bag
3. Base : Portland cement, Hydraulic Binders, Bonding Agents, Silica Sand And Special Adhesives

## TECHNICAL DATA

1. Bulk Density : 1.40 g/ml
2. Mixing Proportion : 7.6 – 8.4 L of water (19% - 21% by weight) for 40 Kg bag
2. Compressive Strength : > 7.00 N/mm<sup>2</sup> @ 28 days (ASTM C-109)
3. Flexural Strength : > 2.00 N/mm<sup>2</sup> (ASTM C-580)
4. Tensile Strength : > 0.80 N/mm<sup>2</sup> (EN 1348)
5. Spitting Tensile Strength : > 0.40 N/mm<sup>2</sup> (ASTM C-1660)
6. Noxiousity : None
7. Pot Life : 90 Minutes
8. Open Time : 25 Minutes
9. Recommended Thickness : 3-10 mm
10. Coverage : Approx. 110-120 sq. ft. per 40 kg bag with 6mmx6mm square notch trowel (Brick size 600x200x150mm)  
Coverage depends on thickness of adhesive used & the smoothness, evenness, porosity of the block used.
11. Shelf life : Until 15 months since the date of Stored in undamaged dry conditions and original packaging.

The product is compliant with the ASTM C-109, ASTM C-580, ASTM C-1660 & EN 1348 standards.



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## OTHER INFORMATION

Should you need support or advice, please consult our advisory service for architects and craftsmen on the contact information you will find on the local VURA website.

Apart from the information given here it is also important to observe the relevant guidelines, regulations and common standards of various organizations and trade associations. The afore mentioned characteristics are based on practical experience and applied testing. Confirmed properties and possible uses which go beyond those listed in this information sheet require our written confirmation. All data given was obtained at an ambient and material temperature of +23° C and 50 % relative air humidity unless specified otherwise. Please note that under other climatic conditions, hardening can be accelerated or delayed and that the product itself is subject to local conditions.

The information contained herein, particularly recommendations for the handling and use of our products, is based on our professional experience. As materials and conditions may vary with each intended application, and thus are beyond our sphere of influence, we strongly recommend that in each case sufficient tests are conducted to check the suitability of our products for their intended use. Legal liability cannot be accepted on the basis of the contents of this data sheet or any verbal advice given, unless there is a case of willful misconduct or gross negligence on our part or unless there is a case of personal injury or death or a case of liability under the Product Liability Act.

This technical data sheet supersedes all previous editions relevant to this product. Please be aware that this Technical Data Sheet only relates to a product manufactured in the specific relevant production site.



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