

Three component chemical resistant epoxy grout for grouting of tiles, mosaics and stones, where hygiene is of utmost importance such as bathrooms, kitchens, living room, bedroom, hospitals, laboratories, food & beverages industries, dairy industries, swimming pools, showrooms, airports and high traffic areas. It is stain free grout for interior and covered exterior floor and wall. It is chemical resistant joint filler and is available in 24 colors.

VURA Oxi 3K is classified as RG as per EN13888 / ISO 13007.

1. SURFACE PREPARATION

- 1.1 Remove debris in grout joints and clean with scrubber the tile surface to remove dust and dirt before starting grout.
- 1.2 Do not clean tiles with acid cleaners.
- 1.3 In case acid cleaners were used to clean the tiles, ensure to wash the area with plenty of water before commencing grouting.

2. MIXING

2.1 MIXING RATIOS

Vura Oxi 3K is factory proportioned kit with Resin (Part A), Hardener (Part B) and coloured Filler Powder (Part C)

5 kg - 1 Unit (kit) size (Part A: 0.900 kg, Part B: 0.350 kg and Part C: 3.750 kg)

1 kg - 1 Unit (kit) size (Part A: 0.180 kg, Part B: 0.070 kg and Part C: 0.750 kg)

15 kg - 1 Unit (kit) size (Part A: 3 x 0.900 kg, Part B: 3 x 0.350 kg and Part C: 3 x 3.750 kg)

- 2.2 **Vura Oxi 3K** – stir Part-A well before use, then add Part “A” and Part “B” into a clean mixing pail.
- 2.3 Mix with a trowel or a slow speed drill mixer until homogeneous consistency. Add at least ¾ of Vura Oxi 3K Part “C” Filler Powder and mix to a uniform consistency. Add the remaining filler powder and mix to achieve a stiff mix to work into the joints. Immediately pour entire contents of bucket onto working area. Use a plastic sheet as a drop cloth.
- 2.4 Use standard epoxy grouting techniques to work with Vura Oxi 3K Grout into tile joints.
- 2.5 Make sure all grout joints are filled properly. Remove as much excess material as possible before initial cleaning with grout float.
- 2.6 Do not leave excess grout on the face of tiles.

3. CLEANING & FINISHING

- 3.1 Remove excess grout from the face of the tiles with the edge of the grout float.
- 3.2 Hold the float at a 90° angle and pull it diagonally across the joints and tile to avoid pulling out the material.
- 3.3 Initial Cleaning: After 15-20 min of the application of the grout scrub the surface of the tile & joint with clean water and scrubber provided to remove any excess grout. Then take a clean thick white towel and drag across the tile to remove any residue.
- 3.4 Final Cleaning: within 24 hours do a second cleaning with normal soap detergent to remove any haze from the tile
- 3.5 The grout work must be cleaned and finished while the product is still wet and in any case in the shortest possible time.
- 3.6 Make sure that grout should not remove product from the joints or leave stains on the tile/stone surface.
- 3.7 Cleaning and finishing can be performed manually.

4. PRECAUTIONS/PLEASE NOTE

Important site Checks:

- It is recommended to check the colour of the grout, if it is meeting the desired colour of the client
- It is recommended to do a small area with actual tile/stone at site and check for any colour ingress into the tile/stone. Many tiles / stones have high absorption which may lead to discoloration / colour marks.



- Plan to provide proper movement joints, peripheral joints to accommodate movements in tile/stone and use flexible grout / sealant to fill these movement joints.
 - Vura Oxi 3K is a solid epoxy grout and does not accommodate movements in tile/stone that can occur due to various reasons. Movements which occur in the tile/stone area due to non-provision of movement joints will lead to cracks / breakage of grout joints / tile/ stone.
 - Keep the working area covered and protected from Sun light during application of stain free epoxy grout, is applied in open areas like swimming pools etc. Keep the cover for 7 days and till the filling of pools with water after the completion of grouting.
 - The product's pot life and hardening time is strongly dependent on the ambient temperature.
 - The ideal temperature for application is between +10°C and +35°C. In these conditions the product is an easily workable smooth mortar, with a pot life of about 45 minutes. It is ready for foot traffic after 24 hours.
 - At a temperature of +15°C it takes three days before the surface is ready for foot traffic.
 - The floor is ready to use and resistant to chemicals after 5 days at a temperature of +23°C and after 10 days at a temperature of +15°C.
 - In hot weather it is advisable to apply the product as quickly as possible to avoid the shorten pot life due to reaction heat in the container.
 - Some kind of tiles (e.g. polished porcelain tile) and natural stones have rough, microporous surfaces, making them susceptible to staining and very difficult to clean. In this case preliminary test application should be performed.
 - Vura Oxi 3K grouting is not advisable for chemical tanks which contains aggressive substances, only occasional contact is permitted (see chemical resistance table).
 - Do not mix the product with water or solvents.
 - Remove excess product from the tile / stone surface immediately because once it gets hardened then it will be removed mechanically only.
 - Do not use for any applications which is not stated in this technical sheet.
- 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

4. PRECAUTIONS/PLEASE NOTE

- Slow speed mixing drill fitted with mortar mixing paddle
- Adequate power source
- Flat trowel / Scraper / Spatula or filling knife
- Notched trowel
- Clean water
- Clean rust free and empty buckets
- Rubber mallet

APPROVAL AND VARIATIONS

This method statement is offered by Vura Bau-Chemie LLP as a 'standard proposal' for the application of **VURA Flex S1**. It remains the responsibility of the Engineer to determine the correct method for any given application. Where alternative methods are to be used, these must be submitted to Vura Bau-Chemie LLP for approval, in writing, prior to commencement of any work. Vura Bau-Chemie LLP will not accept responsibility or liability for variations to the above method statement under any other condition.

- TECHNICAL DEPARTMENT