



TILE DOCTOR GUIDE TO:

HOW TO SEAL TERRACOTTA USING TILE DOCTOR URO SEAL

WHAT DO I NEED TO KNOW BEFORE GETTING STARTED:

- The type of floor one is trying to seal, e.g. terracotta, cork, vinyl, etc.
- Whether the floor has previously been sealed or treated.
- If the previous sealer or polish needs to be removed. (Note - if this is the case, see Tile Doctor's Guide: How to Strip a Floor).
- The rate at which the surface to be sealed absorbs liquids.
- The type of sealer required.

SEALING THE FLOOR – GENERAL PRINCIPLES:

- Read instructions carefully before starting.
- New laid terracotta tiles in quality tile adhesive must not be sealed for at least 10 days of dry weather so that the adhesive and grout can cure and dry properly before sealing.
- Tiles laid in cement must have at least 4-6 weeks drying time before sealing.
- Ensure surface to be sealed is perfectly clean and completely dry before sealing.
- If the floor has been washed, wait one to three days for complete drying before sealing.
- Do not seal outside if rain is expected within 48 Hours.

SEALER SELECTION:

If an unsealed floor is wet, one will notice that as the floor absorbs water, it becomes darker. This is the type of effect that will result from the application of a penetrating, colour enhancing sealer. Certain sealers can show up blemishes that may previously have been unobserved. Remember that if any blemishes on the floor became evident when the floor is wet, these may remain after the floor has been sealed. Penetrating sealers are available that do not colour enhance the surface. Those sealers that do not change the colour of the floor will not hide blemishes. Sometimes it is more practical to choose a sealer which will hide blemishes than it is to attempt to remove all old stains before sealing. The proper function of a sealer is to protect a floor against staining and to make the floor easier to maintain. For this reason it is advisable that a penetrating sealer is used which protects the floor against abrasion and wear and tear. This will provide a maintenance-free seal, with long lasting protection. If a gloss finish is required or a surface sealer is selected for surface protection, then a self-shine product would be required. This will require regular maintenance applications.

MOISTURE TEST:

- To test whether your surface is dry, place a clear piece of plastic on the floor in the centre of the tile and tape the edges of the plastic with masking tape.
- Leave overnight and remove the next morning.
- The patch underneath should be the same colour as the rest of the surface. If the patch is darker this shows evidence of moisture, meaning the surface is still wet.
- The surface needs to be left to dry out completely before sealing.

TILE DOCTOR URO SEAL:

A two-part penetrating, abrasion-resistant sealer. A UV stable sealer for internal and external use with low slip properties.

For use on: quarry tiles, terrazzo, stone, slate, cement floors and similar low to medium porosity flooring materials.

PREPARATION IS EVERYTHING:

Previously Treated Surfaces

- Prior to application, surfaces must be clean and free from; loose dirt, dust, oil, old polishes, sealer, grout or cement stains, using the appropriate Tile Doctor product.
- Wash the surface several times with clean water and allow to dry out completely for at least 24 – 36 hours before sealing.
- Important: Do not seal if moisture is present.
- Do moisture test.

New Surfaces

- Allow at least 10 days before sealing, if tiles have been laid in adhesive.
- Allow at least 4-6 weeks before sealing, if tiles have been laid in cement.
- Remove cement slurry or grout with Tile Doctor Lift Off, followed by an application of Tile Doctor Super Power Clean to neutralize.
- Following this wash the surface several times with clean water.
- Leave to dry completely, for 24-36 hours. Then do moisture test prior to sealing.
- Important: Do not seal if moisture is present.

APPLICATION:

- Test in an inconspicuous area to establish suitability of the product for the purpose intended.
- Do not apply to hot tiles or in full sunlight. Preferably apply to tiles in the early morning or evening when tiles are cool.
- Uro-Seal is supplied in two parts namely part A, the Base and Part B, the Catalyst. Uro-Seal is mixed in a ratio of 1 part Catalyst (Part B) and 4 parts Base (Part A).
- Stir the contents of Part A (Base) thoroughly into the tin of Part B (Catalyst) for at least two minutes without creating bubbles. Once mixed together the pot life is 4 hours.
- If smaller quantities are needed mix in the same ratio 1:4 in a clean, dry container.
- Mixed components must be discarded if not used within 4 hours by absorbing into sand.
- Uro-Seal should be applied to a dry surface by means of a lamb's wool applicator or lint free cloth.
- The product should be applied thinly, working along the joint lines and should be forced into the surface being sealed with firm, long strokes.
- Additional coats may be made after 4 hours, if extra protection is required or if the surface is quite porous. A satin sheen should be achieved and the surface should not be slippery or glossy.
- Any excess product that may have pooled on the surface should be wiped away immediately.

DRYING TIMES:

- Touch dry ± 2-4 hours
- May be used for ordinary foot traffic after 12 hours
- Best results are obtained if the treated areas are kept dry and free from staining materials for at least 72 hours.
- Full chemical resistance only develops after 7 days.
- Do not wash surfaces for 7 days after sealing.

- Drying time may be extended during wet and cold weather.

COVERAGE:

8 – 10m²/lt, depending on surface porosity.

CLEAN UP:

- Use Genkem Nova 11 Brush Cleaner & Degreaser

SPECIAL PRECAUTIONS:

- If in doubt as to the porosity of the surface, contact our Technical Department before commencing.
- Do not apply in direct sunlight or if rain is expected within 48 hours.
- It is important to have damp proof plastic membrane beneath concrete to prevent rising dampness.

STORAGE:

- Keep product out of the reach of children, pets and uninformed persons.
- This product is flammable and should be stored in a cool, dry place 8°C-25°C away from heat, flames and sparks.
- Keep container closed when not in use, to prevent drying out. Check the product for any leakages.

HEALTH & SAFETY:

- Caution: This product contains ingredients that are hazardous.
- In case of accidental contact with eyes or skin, wash the affected area with plenty of water and seek medical advice.
- For use in confined areas, the use of a mask is recommended.
- This product is harmful if swallowed. Do not induce vomiting; call your local poison centre or doctor.

**MANUFACTURERS OF GENKEM * NOVA * BOURNE * SANDTEX * TILE DOCTOR
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Consumer Care Line: 0800 202 655
e-Mail: info@genkem.co.za
Website: www.tiledoctor.co.za



DIY Problem ... Ask Genkem

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