



## WOLKBERG LIMESITE INSTALLATION GUIDE

Product Name:	Limesite Cladding & Tiles
Application:	Walls & Floors

Congratulations! You have purchased an innovative African product made from Limesite, a new generation concrete with unique mechanical properties and aesthetic appeal.

Limesite is a high-performance concrete that is designed and engineered to be used as various surfaces and finishes namely walls, countertops, floors, architectural pre-casts and other products.

### CLADDING AND TILES

*We have designed and manufactured a large range of wall cladding and tiles, of which some are 3D tiles. Most of our tiles carry our signature Dimensions aesthetic. An inherent property of concrete is that it has movement and this translates into our unique aesthetic.*

#### Colours:

- Tone will always remain, however, variation within a colour is a certainty. For any new color development, we require a minimum order quantity of 5m<sup>2</sup> in order to understand what the overall aesthetic will be.
- Tiles are integrally coloured which means the pigmentation penetrates throughout the tile.
- When choosing colours, the decision should not be based on viewing individual samples but rather a full m<sup>2</sup> arrangement of that colour as no two tiles are identical.

#### Silk and Dimensions: Texture/Pattern/Movement:

- Concrete has an inherent property of movement and this movement looks different across the various mould shapes. The material reacts differently in different mould shapes.
- As an example: Wolkblue in Ndebele Tile will have different movement patterns to Subway Tile, and it will have a different amount of variation in colour.

Complying to these installation instructions will ensure a high quality and durable installation finish.

We recommend the use of a competent tiler and they would be in a position to advise best on the tools. Ours are best practice guidelines and recommendations and is not exhaustive.



## 1. TOOLS AND SURFACE PREP PRODUCT REQUIREMENTS:

- Standard tiling tools, a good quality surface prep and adhesive. Ask for the Tal generic method statement for Limesite tiles if necessary.
- Special straight edge is required to ensure that the floors are level while tiling.

## 2. STEPS:

1. Surface Prep- Evaluate the substrate for any structural flaws or damage that may need to be repaired before installing the floor finish. If you are unsure on how to evaluate a sub floor before installing, we would recommend you call the representative of the Adhesive or Screed supplier who are trained to identify flaws.
2. If the floor is sound, surface prep on the floor can start, by cleaning the floor and applying a bonding and keying agent as per the manufacturer's instructions.
3. Now you are ready to tile – we recommend that you use the instructions from the adhesive supplier very carefully to ensure a smooth installation.
4. A further precaution would be to make sure the substrate is clean and dust free and more than one square meter of adhesive should NOT be laid at a time. The reason this is crucial to adhere to is because concrete tiles are more porous than ceramics and Porcelains meaning it will drag moisture out of the adhesive more easily. We also recommend dusting off the back of the Limesite cladding and wetting the back surface before laying it on the adhesive. (See Tal generic method statement for Limesite Tiles)
5. *To ensure an even spread of colour variation across your wall or floor, we recommend opening multiple boxes and pulling tiles from various boxes during the installation.*
6. Do not lay tiles over expansion joints.
7. The tiler must use the straight edge/ level as he moves along the install ensuring that the levels are accurate as these tiles are hand cast tile and variations in thickness also does happen.
8. GROUTING: the use of a grout of about 2mm or 3mm accounts for 5% of the overall aesthetic visually of the wall or floor, hence it is important to use the right colour and size. 2mm or 3mm tile spacers should be used between tiles to accommodate for the grout consistently across the wall or floor. Remember – darker grout lines recede and lighter grouts stand out. Unless you are looking for an obvious contrast, we would suggest finding a colour as close as possible to the tile colour or to settle for a neutral like dove grey.



9. *WARNING: be careful not to let any tile adhesive settle on the surface of the tile while tiling. If the floor is dirty and there are lots of movement over the tiles, it can cause damage to the sealer on those areas.*
10. Allow enough time for the tile adhesive to set, a minimum of 12 hours is necessary to ensure that the tiles and adhesive sets without movement happening, if this is not adhered to and people walk over it or roll trolleys over it, it is likely the tiles can move on the wet adhesive and may crack as a result.
11. After the installation the floor should be swept with a soft broom to ensure that all dust, stones or building materials is lifted off the tiles. (FLOOR)
12. It is also recommended that the tiling takes place last, to minimise the chance of your exclusive Limesite floor being damaged by other contract workers. (FLOOR)
13. These tiles should now be covered with protective material until all construction is over. We will not take liability for any damage to the installed floor that is a result of negligence on site. (FLOOR)

### **3. POST INSTALLATION: (FLOOR)**

- The cleaner should wear socks and sweep the floor with a soft broom
- Wash the floor with a clean mop
- Then you will polish the floor with a floor polish (inquire about a recommended brand) and a polishing machine
- This floor must be covered and protected until the site is ready to be open

### **4. POST INSTALLATION: (WALL)**

- Dust and clean with a simple soapy (Sunlight) water solution if necessary and polish with a spray wax polish (Mr. Min) if necessary.

### **5. MAINTENANCE**

See full Care and Maintenance document.

In public spaces it is always recommended to conduct periodic maintenance on the floors.

We trust you find this in order and would like you to know that we are extremely thrilled to have new installers learning about the innovation of Limesite Cladding.

*Thank you for taking the time to read through this guide.*

*We are here to support you so please do feel free to call when you need help.*