



TERRAZZO

Manual for installing, treating and maintaining
Terrazzo tiles





PLACING AND TREATMENT

Type: Terrazzo tiles are made of marble and stone grains and pressed into cement. The top layer is polished and impregnated.

Materials: Cement with grains of marble, stone and/or glass.

Characteristics: Small holes, irregularities such as crumbled corners and differences in colour and grain are inherent to the product and should be seen as normal.

Application: indoors, outdoors, walls, floors.

Extra note: The marble grains in Terrazzo tiles consist of natural stone and can therefore be sensitive to acids or corrosive substances. Therefore, always clean these tiles with mild or green soap.

The step-by-step plan and advice for each room or area of application may vary. Below we give our advice for the most common installation of our Terrazzo tiles. Please also read the important tips at the bottom of the step-by-step plan carefully and contact us if you have any questions.

What do you need to install Terrazzo tiles?

- Primer
- Acid-free flexible tile adhesive
- Acid-free (light colour) grout
- Tile crosses of 2 mm
- Water-cooled tile saw
- Trowel, glue container, glue comb 8 mm
- Tile levelling system (optional for large format tiles)
- Level
- Acid-free Descaler (cleaning agent)
- Bucket and sponge, cleaning set
- Azule Tile Sealant
- Azule Color Intensifier

STEP-BY-STEP PLAN

Before you start tiling, make a plan of how the tiles should be placed. Does everything have to be neatly centred in the room? Measure everything in advance for the best result!

Priming

Is the surface to be tiled absorbent or untreated? Then first make sure that you treat the surface with the correct primer. This can usually be applied with a roller or brush. Follow the instructions and drying time of the correct primer.

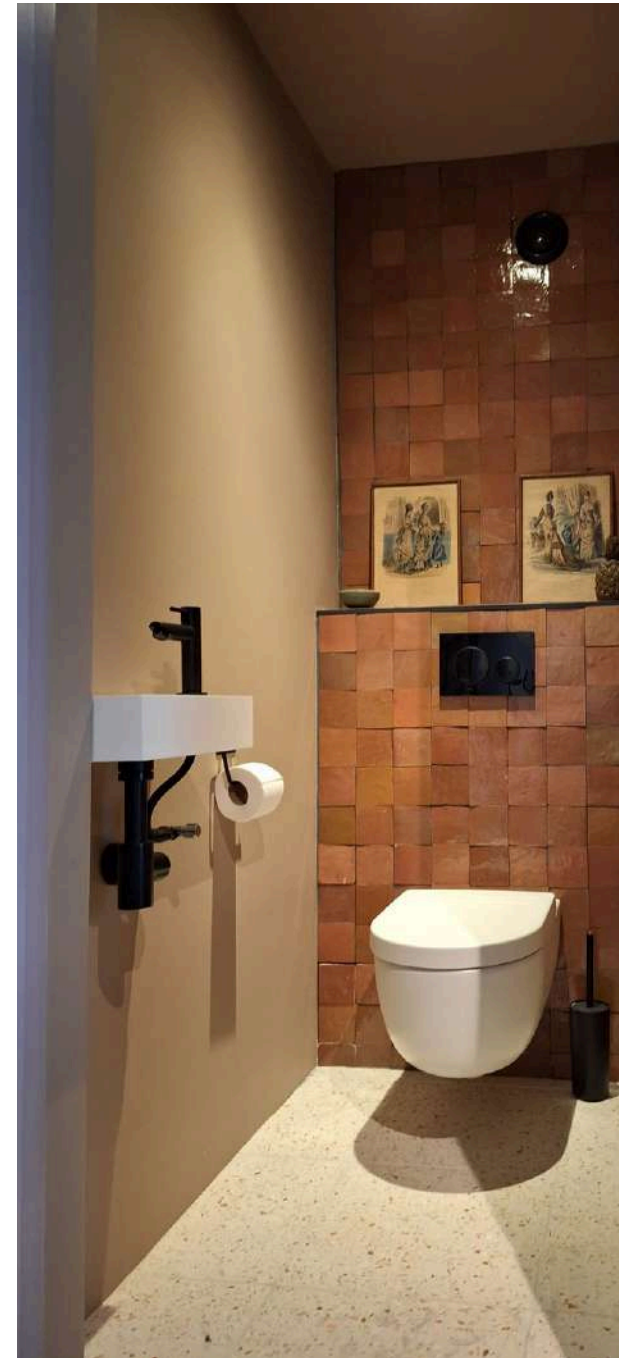
Glueing and positioning

Use tile crosses of 2 mm for the least grid formation and as little joint as possible between the tiles. With large tiles, it is advisable to always apply tile adhesive to the surface of one tile at a time. It is also strongly recommended to apply tile adhesive twice, i.e. to both the tile and the surface. This results in a better adhesion without air pockets. The starting point is always different. It depends on the space and the size of the tile. As a general rule, it is recommended to start from an edge or corner. It is important to keep an eye on the sightlines. So where you enter the

room, the tiles should be placed as good as possible so that it creates a nice line of sight.

The fitting pieces should preferably be placed at edges that are not immediately visible to the eye. It is advisable to mark off the desired positions of the tiles on the surface so that they can be maintained during the installation.

With tiles of this size, it is very important that the tiles are equally straight at all corners. Use a level for this. Is it not working right away? Then reposition the tile and adjust the quantity of tile adhesive. If a tile is pressed too hard, it is very difficult to remove it again. Therefore, first press the tile lightly and only when the tile lies flat press further or tap with a special tile hammer. There are also handy levelling systems whereby all the tiles can be leveled exactly at the right height. (Rubi Delta Levelling starter kit). This system ensures that all the tiles fit together nicely and evenly. Remove all excess glue residue on the tiles. Allow the adhesive to dry for at least 24 hours before starting the next step.





Saw to size

Finish your surface first before starting with the pieces to be sawn. Terrazzo tiles should be cut with a water-cooled tile saw. Make sure you always buy some extra tiles to cover the cutting loss.

Impregnate basic layer

Terrazzo tiles have a basic protective layer but still need to be impregnated to create a good stain shield. We recommend impregnating the Terrazzo tiles additionally with Tile Sealant before grouting and Color Intensifier after grouting. Once the tiles are completely dry and clean, the first coat of impregnating agent can be applied. Wait until the adhesive is sufficiently dry (at least 24 hours) and make sure there is no adhesive residue on the tiles. Apply the top layer with an impregnating pad, impregnate 2 times with Tile Sealant. After Tile Sealant has been allowed to dry for 12 hours, you can start grouting.

Grouting

Once the adhesive is dry, the tiles can be grouted. Use an acid-free, flexible, light-coloured grout. Mix it according to the proportions on the packaging. Then apply it with a joint spatula and ensure

that the joints are evenly filled. Allow the grout to dry (approx. 30 minutes). Remove the excess grout that remains on the tiles with a slightly damp sponge or cloth. Be careful not to remove too much, as the joints must remain well filled. Once the grout is completely dry, you can clean the tiles a few times with Acid-free Descaler and a dry cloth until there is no longer a visible stain. Note: Only use acid-free products to clean the Terrazzo tiles. Do not use black or anthracite grout on light tiles, this will cause a dark haze on the tile.

Impregnate top layer

Once the grout has been allowed to dry long enough, start impregnating with Azule Color Intensifier. Do this in a similar way as the Tile Sealant. Apply this at least 2 times, in a shower room (wet room), a 3rd time won't hurt. After this, allow the floor to dry for at least 12 hours before using the room.

Note: when used in a shower room, we recommend impregnating the tiles additionally, and repeating this yearly.

CLEANING AND MAINTENANCE

Maintain the tiles periodically (approx. once a week) with Azule Tile Soap and water. This product is acid-free and contains a concentration of fatty soap that acts as a natural impregnating agent. By mopping regularly with Azule Tile Soap, the tiles get an increasingly beautiful and fuller look and also better protection against stains. We also recommend using our Acid-free Descaler to remove limescale on both tiles and e.g. crane and glass wall.

TIPS AND TRICS

- Work neat and in a well-ventilated space.
- We recommend that you have Terrazzo installed by someone with experience.
- The stones in Terrazzo may vary in colour and size. This is inherent to these tiles and should be considered normal.
- Let us inform you about the colour of the grout. This is different for each Terrazzo colour. Do not use black or anthracite on light-coloured tiles!
- As a rule, we recommend a grout line width of 2 mm for most tiles types.
- Terrazzo can be both place indoor and outdoor. However, please note that acid rain and bright sun shine may affect or discolour the tile over the years.
- Always read the intructions on the various products you need to install.
- Beware of acids! These can cause stains that are difficult to remove.
- Terrazzo tiles are impregnated at the factory. Although this provides a good base layer we recommend impregnating the tiles for extra protection.
- If you are not sure about the right treatment or have questions about the treatment or have questions about the treatment schedule, please contact our helpdesk. We will be happy to advice you so that you can be sure of a beautiful end result.
- Make a good plan/sketch in advance of how you want to place the tiles and where the tiles need to be cut.
- Work safely! Always use the correct protective products such as gloves, safety goggles and ear protection.





- When cutting or grinding tiles, pieces can come loose and cause painful injuries. Always have a first aid kit within easy reach.

Questions?

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