

**CERASIA CARE & MAINTENANCE GUIDELINES FOR KONKRIT & VILLA STONE**  
**GRIP-WET MATT P4/P5 SURFACE FINISH**

**CERASIA NEW GRIP-WET GLAZED PORCELAIN TILES**

CerAsia International's latest Glazed Porcelain Grip-Wet tiles are manufactured using the latest glaze technology which contains micro crystalline particles. These micro crystalline particles provide excellent P4/P5 slip resistance characteristics while maintaining a smooth surface texture. Since this is a revolutionary new glaze technology whereby the same matt surface tiles can be used for both internal and external wet and dry areas, we recommend that new cleaning procedures and cleaning mops be used together with our new Grip-Wet tiles in order to achieve the best effect. We append below our recommended care and maintenance guidelines.

**INITIAL OR POST-INSTALLATION CLEANING GUIDELINES FOR CERASIA GRIP-WET PORCELAIN TILES**

Very often tiles appear difficult to clean after the job delivery, especially Porcelain tiles under Group B1a with Water Absorption levels below >0.5%. One of the main contributing factors is because there is grout haze residue remaining on the tile surface which was not completely removed after the grouting process. If such grout residue which is either cementitious or polymer based is not thoroughly cleaned immediately after the grouting process, it will continue to attract dirt and will create longer cleanability related problems. It is therefore of paramount importance that you ensure the tiling contractor or tiler completely removes all grout haze residue on the surface of tiles before handing over the project to you.

We recommend the following procedures for efficient and complete post installation cleaning:

- (i) Sweep or vacuum all dirt and dust particles on the surface of tiles prior to commencing the grouting process.
- (ii) Proper tiling practice is to grout between 3m<sup>2</sup> to 4m<sup>2</sup> at any one point in time and avoid letting grout sit on the tiled surface longer than 15 minutes (always follow grout manufacturer's instructions).
- (iii) After the grout is applied use a sponge with clean portable water to remove all excess grout.
- (iv) Always keep changing the water and use clean sponges to do the final wipe.
- (v) Once the surface is dry, wipe or buff the tiled surface with a clean cotton cloth or towel.
- (vi) If there are stubborn stains or grout haze residue remaining on the tile surface, apply tile cleaners or grout removers such as those listed below using white scourer pads.
  - (a) Fila Deterdek Pro.
  - (b) Mapei Ultra Care Epoxy Grout Haze Remover.
  - (c) HMK R163 Grout & Cement Film Remover.
  - (d) Laticrete – Stonetech Epoxy Grout Haze & Coating Stripper.
  - (e) Laticrete Heavy Duty Grout Haze Remover.
  - (f) Aquamix Heavy Duty Tile & Grout Cleaner.
- (vii) Allow such grout removers or cleaners to soak on the tile surface for between 5 to maximum 10 minutes (always follow grout manufacturers instructions) and thereafter use a clean melamine sponge soaked with portable water to thoroughly clean the tiles. Never allow grout removers or cleaning detergents to dry up on the tile surface because it will form a thin film or glue-like layer which may end up sucking more dirt onto the tiled surface.
- (viii) Do not use any cleaning products with high acid content to clean grout haze, especially cleaning detergents containing hydrofluoric acid and its derivatives because it may cause permanent damage to the tile surface.



- (ix) *If the situation permits, it is always best to use clean running water to completely flush out any grout haze residue remaining on the tile surface. If not, rinse the surface with clean portable water and mop-off all remaining water and residue. Repeat this process until all grout haze is completely removed.*
- (x) *It is always good practice to cover the fully cleaned tiled area with a plastic sheet or thin plywood to keep the tiles clean and to protect the surface from stains, paints, chemicals, debris and falling objects.*

### **GENERAL OR ROUTINE CLEANING OF CERASIA GRIP-WET PORCELAIN TILES**

Once the Grip-Wet Porcelain tiles have gone through a thorough and complete grout haze cleaning process as illustrated earlier and there is no more grout haze residue on the tile surface, the below general or routine cleaning procedures should be performed on a regular basis.

- (i) *Vacuum or sweep all dusts, soil particles and dirt contaminants while the floor surface is still dry. As a general rule, all spills should be cleaned as quickly as possible and not allowed to dry. The longer you allow spills to dry on the tile surface, the more difficult it will be to remove those stains.*
- (ii) *Use a wet mop with clean portable water for all general cleaning. Always keep changing the water because dirty water will result in transferring the dirt from one location to the other, rather than removing it.*
- (iii) *Depending on the soil load, a more aggressive cleaning process may be required by using a neutral cleaner or a general house hold cleaner, than followed by thorough rinsing with water.*
- (iv) *If there are difficult to remove contaminants or stubborn stains on the surface of tiles, firstly identify the specific spill or contaminants as different contaminants require different cleaning methods and cleaning solutions (as listed in Appendix 1).*
- (v) *Rinse thoroughly with clean water to remove dirty detergent and emulsified soil. Rinsing is a critical step in the tile care & maintenance procedure.*
- (vi) *Remove all residue and remaining water with a dry towel or by mopping using any of the below recommended mops. CerAsia recommend the use of the below type of mops (in order of priority) for our latest Grip-Wet surface glaze containing micro crystalline particles. These mops are available globally and they are affordably priced.*
  - (a) **3M Scotch-Brite Latex Strip Mop** which is highly absorbent and dries wet surfaces instantly without leaving micro fibre particles behind (refer to Appendix B).
  - (b) **3M Scotch-Brite Sponge Mop** which is a new generation of PVA sponge technology that softens and absorbs faster with lesser cleaning time needed (refer to Appendix C).
  - (c) **Conventional Cotton Mops**. It however must be a well-seasoned mop so that it does not leave behind fine fibre particles. Even if fine fibre particles are left behind from brand new string mops, these fine cotton particles can easily be cleaned by either sweeping or vacuuming them once the tiles are fully dried (refer to Appendix D).
  - (d) **Disclaimer** : *Tiles are always delivered in clean and new condition without any stains or grout haze residue on the tile surface. It is therefore the responsibility of the tiling contractor/tiler and not the tile distributor/manufacturer to ensure that the tiles remain clean and free from grout haze or contaminants after the tiling process.*
  - (e) *For more information on CerAsia Care & Maintenance of Grip-Wet Porcelain Tiles and to view relevant cleanability videos using the above mentioned mops, kindly visit [www.mycerasia.com.my](http://www.mycerasia.com.my).*


**APPENDIX 1 : CERASIA GRIP-WET TILE CARE & MAINTENANCE GUIDELINES**

| STAIN GROUPS   | TYPE OF STAINS  | RECOMMENDATION   |
|----------------|---|--|
| Food Groups    | Soy Sauce, Coke, Coffee/Tea, Juice, Beer/Wine, Ice-Cream, Ketchup | Alkaline base detergent such as Caustic Soda and Sodium Hydroxide  |
| Oil & Grease   | Vegetable, Mineral, Petroleum                                     | Alkaline base detergent such as Caustic Soda and Sodium Hydroxide  |
|                | Wax, Rubber   | Scrape off then use solvent Turpentine follow by alkaline base detergent                                       |
|                | Lip Stick/Shoe Polish   | Alkaline base detergent such as Caustic Soda and Sodium Hydroxide  |
|                | Paint (oil based)   | Turpentine or Thinner  |
|                | Ink   | Solvent such as Turpentine or Thinner  |
|                | Mortar  | Acidic base detergent such as Hydrochloric acid, Muriatic acid, Sulpharic acid and Oxalic acid                 |
|                | Rust stains   | Diluted Hydrochloride acid or acidic base detergent  |
| Marker         | Felt Pen  | Thinner  |
|                | Methylene Blue  | Alkaline base detergent such as Caustic Soda and Sodium Hydroxide  |
|                | Crayon  | Scrape off them use solvent Turpentine follow by alkaline base detergent                                       |
| Tile Grout     | Cement  | Diluted Hydrochloric acid  |
|                | Latex or Polymer  | Solvent such as Turpentine or Thinner  |
|                | Epoxy   | Scrape off them use solvent Turpentine follow by alkaline base detergent                                       |
| General Stains | General stubborn household stains                                 | Apply vinegar or tooth paste on the stained area for 5 to 10 minutes and then wipe dry with a clean wet towel. |

*Note : This document constitutes general information only and is not intended to be used as any representation of warranty from CerAsia International Sdn. Bhd. or its distributors or agents. CerAsia International Sdn. Bhd. assumes no responsibility for any act or action taken that is contrary to our recommendations on the part of any person or entity to whom the product has been sold to.*



## 3M SCOTCH-BRITE LATEX MOP

### Details

#### Highlights

Durable and easy to clean

Superior cleaning performance

Lightweight and long lasting

Highly absorbent and dries wet surfaces instantly

Anti-rust

Refill available

Scotch-Brite™ Latex Strip Mop is powered by several non-woven strips to guarantee excellent performance. The highly absorbent strips clean and dry quickly with 4X better absorption, and better access to all corners of the room for efficient handling and cleaning. Best suited for tile floors, besides mosaic, ceramic and marble floors. ( Refills available)



Source: [https://www.3m.com.my/3M/en\\_MY/p/d/v100603642/](https://www.3m.com.my/3M/en_MY/p/d/v100603642/)

## **3M SCOTCH-BRITE SPONGE MOP**

Overview

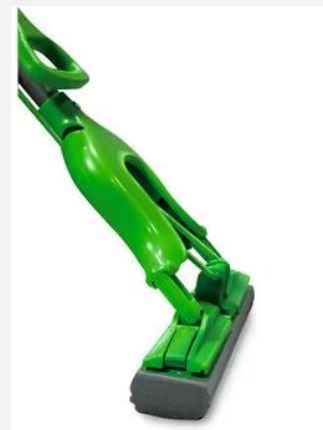
Details

Specifications

### **Details**

With its 45° angle mop plate, the butterfly-squeeze sponge mop fully flushes onto the surface, giving you the ultimate cleaning effectiveness. The new generation PVA allows the sponge to be softer within 1.5 minutes! Refill available.

- The innovative new design angled-sponge plate is ergonomically-designed to flush fully against the surface for greater effectiveness
- New Generation of PVA sponge technology-Softens and absorbs faster with lesser cleaning time needed
- Adjustable handle and high in durability
- Squeeze Dry design effectively squeeze dry large amounts of water



Source : [https://www.3m.com.my/3M/en\\_MY/p/d/v100603930/](https://www.3m.com.my/3M/en_MY/p/d/v100603930/)

## CONVENTIONAL COTTON MOP

### Details

#### Highlights

The looped threads are fray resistant and long lasting. Bleached cotton gives superior water absorption

Triangular head reaches corners easily and cleans. Easy to change refill mechanism. Separate refills available

Unique scrubby strips for stain removal

Sturdy handle that is durable. Extendable handle ensures height of the mop can be adjusted as per convenience

The cotton mop from Scotch-Brite range of mops provides superior clean within your budget.



Source: [https://www.3mindia.in/3M/en\\_IN/p/d/v101308506/](https://www.3mindia.in/3M/en_IN/p/d/v101308506/)