



# Polished Porcelain

## Understanding Polished Porcelain

Polished porcelain tiles are a very desirable finish for any project requiring an upmarket 5 star look, while still being a very durable and hard wearing surface. For these very reasons, you will find these tiles in the best hotels, shopping centres and boutique establishments throughout the world.

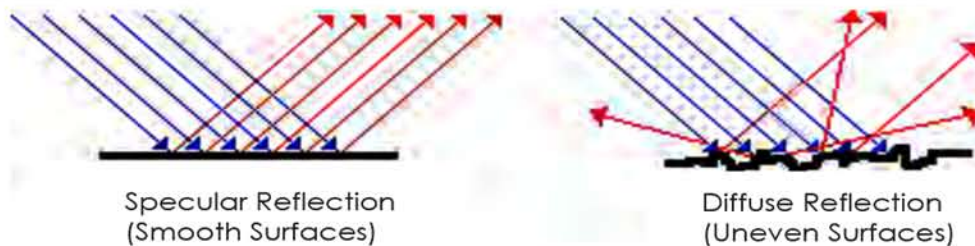
Polished porcelains are made from a mixture of refined kaolin and other clays, fired at very high temperatures to create the vitreous and dense tile we are all familiar with. This then undergoes a diamond grind polish to achieve the highly reflective mirror like finish.

## Do I need to seal Polished Porcelain?

As a result of the polishing, thousands of micro pores are created in the tile surface that can allow contaminants to gather and cause light staining or marking. With this being the case, generally the answer is 'YES' it is advisable to seal your polished porcelain tiles - however there can be **exceptions to the rule** as some polished porcelains are already factory sealed. You should ask your Tile Power Professional for more guidance in this area when selecting your polished porcelain tiles. Also refer to the Tile Power 'Tile + Stone Sealing Guide' on [www.tilepower.com](http://www.tilepower.com)

## What is Optical Hazing?

Optical hazing is an appearance of a smokey or cloudy look in the surface of some polished porcelains. This 'hazing' will only be visible when light is reflected across the surface of the tile at a very specific angle eg: a room tiled with polished porcelain exhibiting 'optical hazing' will only do so at a certain time of the day, as the natural light (sunlight) reaches a certain angle across the face of the tile. Once the angle of the natural light (sunlight) changes - the optical hazing will again disappear. This is an inherent characteristic of polished porcelain tiles and is **not a product fault**. It is scientifically described as 'diffused reflection'.



## Maintenance Techniques for a Mirror Finish

If you've ever lived on polished porcelain you will understand that it is like living on a mirror. As such, it requires a specific cleaning method to gain the best results :

### Weekly Maintenance Clean

- 1) First sweep or vacuum the area to be cleaned. This will remove all loose dirt and debris.
- 2) Using an abrasive cream as a spot cleaner (**Spirit Porcelain Cream or Aqua Mix Nano Scrub**) remove any spot stains that are immediately apparent. After using the cream wipe away residue with a wet rag.
- 3) Using a mixture of methylated spirits + water in a trigger sprayer (70% Water) spray a light mist over the tiles starting in a corner of the room. Wipe over immediately with a flat mop (Vileda Mop). Continue this process until all tiles have been wiped over.

The above method works wonders for a mirror finish and should be part of a weekly routine for most households wanting to maintain a mirror finish.

### 6 Monthly - Deep Clean

- 1) First sweep or vacuum the area to be cleaned. This will remove all loose dirt and debris.
- 2) Using an abrasive cream as a spot cleaner (**Spirit Porcelain Cream or Aqua Mix Nano Scrub**) remove any spot stains that are immediately apparent.
- 3) Next mix up some alkaline detergent (**Spirit HDC or Aqua Mix Heavy Duty Tile and Grout Cleaner**) in a bucket and apply directly to the floor.
- 4) Using a nylon scouring floor pad (**Aqua Scrub or Doodlebug**) gently scrub in a circular overlapping motion. Be mindful of applying friction to the grout joints to ensure dirt is also lifted from these lower areas.
- 5) Mop up used detergent and give a secondary clean rinse. If possible use a wet pick up vacuum for best results.

**\* Information disclosed is a general guide only. For more detailed information regarding your specific situation please contact your closest Tile Power location - [www.tilepower.com](http://www.tilepower.com)**