

# porcelain

Porcelain is made from a fine, white clay, fired at extremely high temperatures. This produces a tough, hard wearing tile which can be coloured and textured to a wide variety of finishes. Porcelain is divided into two groups (polished and unpolished) Unpolished porcelain is impervious and does not require sealing. However, the polishing process on porcelain exposes the inner core of the fine clay particles making the surface porous and susceptible to staining.

## CHEMICAL COMPATIBILITIES

**Acids** - Porcelain tiles are resistant to all Actichem acid based cleaners, however it is advisable to always pre-test the cleaner being used. Never use Hydrochloric or Hydrofluoric acid as these acids can etch the tiles surface.

**Alaklis** - Porcelain tiles can safely be cleaned with alkaline cleaners.

## CLEANING

### Grout Smear

Grout smear is normally removed by the installer of the stone. Any residual grout or cement films should be removed with T&G Restore using a red pad.

### General Grime and Oils

Soil build-ups, fats and stubborn oily spots are effectively removed with T&G Cleaner Pro. For industrial applications the T&G Power or T&G Degreaser will produce quick and pleasing results.

### Mould & Mildew

Mould & mildew on porcelain is effectively removed with Chlorosan. Many stains caused by food spills and plant matter can also be removed in the same way. Sealing porcelain with a penetrating sealer will dramatically reduce future mould and mildew growth.

### Lime Scale & Mineral Deposits

Lime scale and mineral deposits are most effectively removed using T&G Restore or Stone Gel Pro and a white (non scratch) buffing or scourer pad. Soap scum is also removed using this method.

### Factory Wax Coatings

The protective wax coating applied to porcelain tiles by the manufacturer is removed using T&G Cream or Powerstrip.

### Restoration Cleaning

Many porcelain tiled floors have tough deposits of alkaline detergent residue caused by years of maintenance cleaning. These residues are not removed with heavy duty alkaline cleaners but require the unique chemistry in T&G Restore to restore the tiles to their original appearance.

## PROTECTION

Unpolished porcelain does not require sealing, however polished porcelain does require sealing with a penetrating sealer to prevent possible permanent staining.

**Solv Sealer Pro** is designed specifically for use on porcelain due to its unique nano molecule base.

## MAINTENANCE

### Commercial & Institutions

Use Proneutro for easy and effective results in the maintenance cleaning of tiled areas in homes, hospitals and care facilities, offices, institutions etc.

### Heavy Duty Cleaning

Use T&G Cleaner Pro for cleaning areas subject to heavy use and soiling such as shopping malls, walkways and outdoor areas.

### Washrooms, Showers etc

Use Refresh or Sanstrike to clean washrooms, showers, etc. Pool surrounds can be effectively cleaned using T&G Restore.