



# Overcoming Detergent Haze

Webinar White Paper



# OVERCOMING DETERGENT HAZE

## Restore the shine to tiles

### WHAT IS DETERGENT HAZE?

Detergent haze refers to the dull, cloudy residue that can form on tiles from frequent maintenance cleaning regimes.

- **Substrate** - Predominantly smooth/shiny ceramic and porcelain tiles
- **Cause** - Incomplete removal of alkaline detergent residues

- **Complaint** - Dull, grey, difficult to clean tiles. Slippery when wet.
- **Location** - Anywhere tiles have been maintained with cleaning detergent. Mostly foot traffic areas. Residence passageways through to public thorough fares.

### HOW DOES IT DEVELOP?

Many cleaning solutions will leave a small amount of residue on tiles after cleaning. This residue builds up slowly and can take several months/years to become noticeable.

#### The Key Culprits

- High caustic tile cleaning solutions, floor stripping solutions and chlorine bleach.

- High surfactant loaded cleaning solutions. Eg Neutral cleaners
- Manual mopping – no wet extraction
- Often using a deodorising disinfectant or neutral cleaner



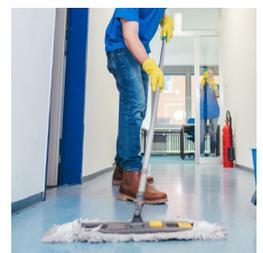
**Frequent Maintenance Cleans**



**Incorrect Chemicals**



**Incorrect Process**



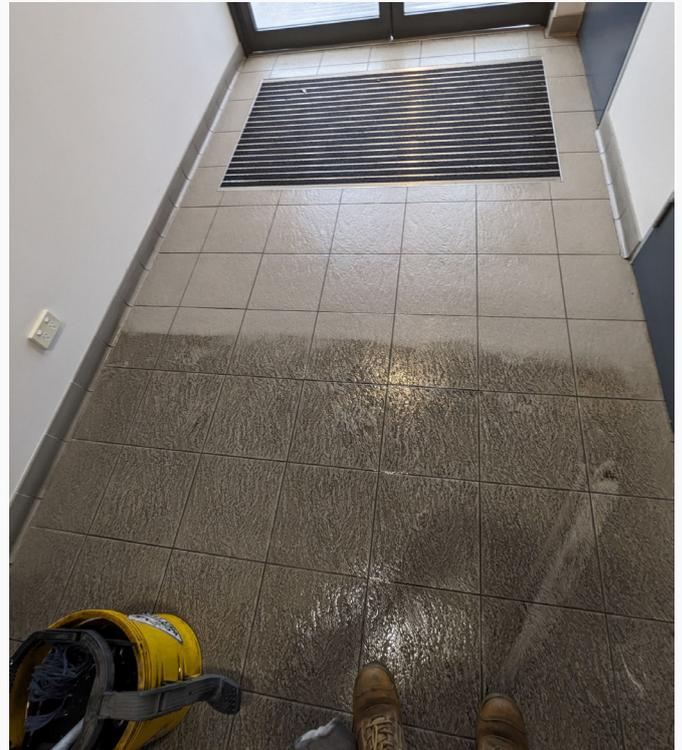
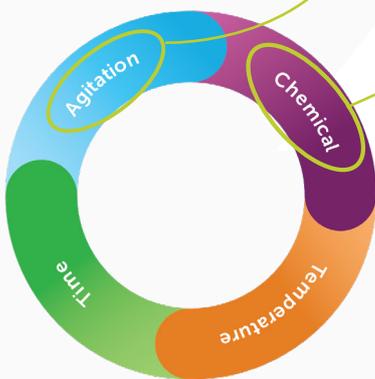
**Detergent Haze**

## HOW TO REMOVE DETERGENT HAZE

There are two principal methods for reversing alkaline detergent residue

- **Chemical** - Reverse the pH and remove using an acidic solution.
- **Mechanical** - Remove using the floor restoring power of the System 7 pad.

### The Cleaning Process



## 1. CHEMICAL

Removing alkaline residue with an acidic cleaner



### T&G RESTORE

(Acidic Detergent)

- Has the strength to tackle years of alkaline detergent build-up.
- Also overcomes stubborn grout stains, embedded soils and cement/grout smear, efflorescence, mineral scale and alkaline.

pH 1-1.5

#### Where to use:

Safe on all ceramic, vitrified ceramic and porcelain. Use with care on sandstone, quarry tiles, terracotta and slate.

**Especially effective where high pH cleaning solutions have caused the residue. Highly effective on grout lines.**

## 2. AGITATION

### Removing alkaline residue with agitation



#### T&G CLEANER LF

(Alkaline Detergent)

- Employs smart cleaning technology (not brute force) to achieve its outstanding cleaning performance on a wide range of oily soils, grease, fats and general grime build-ups.

pH 12

#### Where to use:

It is safe to use on all tile, stone, concrete and grout surfaces.



#### SYSTEM 7 PAD

- Entirely overcomes traditional tile re-soiling complaints.
- System 7 eradicates the need for conventional deep cleaning.
- Stained tiles shine like new. Greyed tiles appear white again.
- Removes all dirt residues including oil, fat, rubber abrasion, grime, detergent residue and limescale.

**Especially effective where grime is also prevalent in addition to detergent residue. Some scenarios require the use of the System 7 pad in combination with the acidic T&G Restore.**



## HOW TO PREVENT DETERGENT HAZE

There are two key ways to prevent alkaline detergent residue

### 1. Use correct chemistry

- **Low Residue Chemical Solutions**

Solutions such as Actichem T&G Cleaner LF used at correct dilutions demonstrate excellent cleaning power with minimum residue.

- **Bio-enzyme Solutions**

A floor cleaning bio-enzyme solution such as Enviroplus E-Z-Kleen are inherently low residue

### 2. Use correct methods

- Always use wet extraction cleaning equipment.
- Only use high caustic chemistry if "spinner" extraction is available or the area can be rinsed with a hose / high pressure.



## FURTHER RESOURCES

- Knowledge Centre
- T&G Restore PDS
- T&G Cleaner LF PDS
- System 7 Pad PDS
- E-Z-Kleen

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