

# tensid uk ltd

## Product Data

### **PROSOCO Safety Klean**

#### **Description and use**

Safety Klean is an effective, safe alternative to acidic compounds for cleaning brick, tile and concrete surfaces. Safety Klean rids new masonry construction of excess mortar, dirt and other common job site soiling. It is ideal for projects where traditional acidic cleaners are not permitted. Non fuming Safety Klean contains no hydrochloric or other traditional inorganic acids and is safe for use on and around most metal surfaces, indoors or out. It is up to 70% more effective than citric and glycolic acids, and 50% more effective than phosphoric acid.

*Recommended as follows. Always test.*

| Substrate                    | Type           |     | m <sup>2</sup> per litre |
|------------------------------|----------------|-----|--------------------------|
| Architectural Concrete Block | Smooth         | Yes |                          |
|                              | Split Faced    | Yes |                          |
|                              | Burnished      | Yes |                          |
|                              | Ribbed         | Yes |                          |
| Marble Travertine Limestone  | Polished       | No  | N/A                      |
|                              | Unpolished     | No  | N/A                      |
| Granite                      | Polished       | Yes |                          |
|                              | Unpolished     | Yes |                          |
| Sandstone                    | Unpolished     | Yes |                          |
| Slate                        | Unpolished     | Yes |                          |
| Fired Clay                   | Brick          | Yes |                          |
|                              | Tile           | Yes |                          |
|                              | Terracotta     | Yes |                          |
|                              | Pavers         | Yes |                          |
| Concrete                     | Block          | Yes |                          |
|                              | Brick          | Yes |                          |
|                              | Tile           | Yes |                          |
|                              | Precast Panels | Yes |                          |
|                              | Pavers         | Yes |                          |
|                              | Cast in place  | Yes |                          |

#### **Advantages**

- Proven effective for cleaning mortar smears and other common construction soiling
- Replaces traditional mineral and organic acid products
- Low odour and water rinsable
- Non fuming
- Environmentally responsible
- Suitable for interior cleaning

#### **Limitations**

- Not suitable for polished marble, limestone or travertine
- Can cause discolouration and corrosion on certain types of metals. Always test

#### **Technical Data**

Form: Clear amber liquid  
Specific Gravity: 1.18  
Flashpoint: >93°C  
pH: 1  
Freeze point: -30°C

#### **Preparation**

Protect surrounding surfaces and beware of wind drift, splash, residue and rinse water. When possible, finish cleaning prior to installing windows, doors, light fixtures, hardware etc. Extended contact with the cleaning solutions or its vapours may result in discolouration or damage. All caulking and sealant materials should be in place and thoroughly cured before cleaning.

#### **Surface and air temperatures**

To avoid harm to masonry, do not clean when temperatures are below freezing or will be overnight. Best cleaning results are obtained when air and masonry surface temperatures are 4°C or above. If freezing conditions exist prior to application, allow adequate time for masonry to thaw.

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## Pretesting

Always test each type of surface and stain before overall application to ensure suitability and desired results. Apply test area according to the following application procedures. Let test dry thoroughly before inspection.

## Dilutions

Safety Klean may be diluted with up three parts clean water, depending on the nature and severity of the soiling. Always pour cold water into empty bucket first, then carefully add concentrate.

## Application Instructions

1. Pre wet the surface with clean water.
2. Apply liberally using low compression sprayer (3 bar), roller or densely filled masonry brush. Do not apply with high pressure spray. Do not atomise.
3. Leave to dwell for 3 to 5 minutes, then reapply. Light scrubbing of the surface improves cleaning results especially where high pressure rinsing equipment is not available. Do not let cleaning solution dry into the masonry. If solution starts to dry, reapply.
4. Rinse the cleaned area thoroughly using high pressure spray. Rinse with clean water from the bottom to the top, covering each section with a concentrated stream of water. To avoid streaking on vertical walls, take care to keep the wall below wet and rinsed free of cleaner and residues.

**Note:** thorough rinsing is extremely important. As much water pressure as possible, without damaging the surface, should be used to ensure that all staining elements are completely removed. High pressure rinsing with at least 50 to 90 bar and 15-30° fan tip will prove most effective.

## Interior applications

Proper ventilation is necessary. Follow exterior application procedures. If pressure rinsing is not

possible, use a sponge or soft fibre brush to rinse thoroughly with clean water.

## Clean up

Clean equipment with clean water.

## Maintenance

Application of a breathable water repellent to the cleaned masonry surface reduces absorption of stain producing elements, keeping the surface clean for a longer period of time and make future cleaning operations faster and easier. More information about our range of water repellents can be found on our web site.

## Packing

1 x 25 litre plastic container.

## Safety Information

Corrosive to eyes. Wear suitable PPE – goggles and gloves to avoid splash to bear skin or eyes. Always refer to material safety data sheet before use.

## Technical Data

Contains organic salt and cationic surfactant.

## Shelf Life

Safety Klean may be stored for up to 2 years in a tightly sealed, unopened container.

This Product Data is compiled to be of assistance but is without guarantee. Users are responsible for safe working practices. Always refer to msds for full information before using this product.