



## CLEANING ADVICE **Tonality**<sup>®</sup>

**TONALITY is an extruded natural clay tile with an optional glazed surface, used for external cladding, soffits, weatherboards, louvers, sunscreens and internal linings. The many colour options and the superior surface quality with optional graffiti protection make this product an essential choice for modern and contemporary architecture.**

### 1. Production method

TONALITY cladding tiles are vacuum-extruded at a pressure of more than 28 bar, dried and fired in a modern furnace. The manufacturing plant in Weroth, Germany is one of the world's most modern and automated plants. The excellence of the raw materials and the high baking temperatures create one of the best quality clay tiles available in the market. The clay is first double-dried, then processed to extreme fine powdered clay, dye penetrated in finely graduated ratios of colour mixtures and afterwards fired at temperatures exceeding 1200°C.

Due to the extrusion production process, the surface of the tiles has small variations in density. Depending on the finish of the tiles and under sheer light, this may result in a soft pattern. The purity of the clay and advanced Keralis Production Process are the reasons Tonality clay tiles are regarded as the premium tile in the market.

TONALITY offers a wide cladding range.

- TONALITY CLASSIC: 7 colours with a natural surface.
- TONALITY CLASSIC GLAZED: 17 colours with a glazed surface protection.
- TONALITY SPECIAL BRIGHT COLOURS: 4 colour shades with living streaked appearance. \*
- TONALITY COLOR: Over 30 different even colours with glazed protective surface. \*
- TONALITY Lamelles, Baguettes and Quadrat sun screens: please contact PBS Distributors for more information.

\* only available in 200 x 400 or 200 x 450 with smooth finish and in 22 mm thick.

**The natural surfaces are porous and will be more costly and labour-intensive to clean. We recommend the CLASSIC glazed protective surfaces when exposure to aggressive pollutants is likely.**

### 2. General

Contaminates such as dirt, products of combustion, oils etc... can be present in rainwater and on surfaces and end up on the cladding of the building. If care is taken (by provision of drip edges, professional sealing and attention to avoid corrosion when using zinc, copper, aluminium, steel ... ) local soiling and staining can be prevented.

All facades, irrespective of the materials used, should be serviced regularly to avoid unnecessary and high maintenance costs. When soiling stays on a surface for longer periods of time, removal and cleaning will become increasingly more complicated.

Due to the protective layers on the surface of the different TONALITY products, cleaning is very easy. TONALITY FAÇADE has standard an anti graffiti protective layer.

PBS Distributors provides chemical cleaning solutions. **Mechanical cleaning of the surface with abrasive cleaning methods (steel wool, scotchbrite, ...) is expressly forbidden.**

### 3. Preparation

Before starting to clean the surface, make sure the **surface below** the surface to be cleaned is thoroughly wetted to avoid soiled water from staying on top of clean surfaces. Take care to collect cleaning water from soiling other surfaces (floor...)

#### 4. Cleaning

The cleaning products and procedure depend very much on the nature of the soiling of the sheets

4.1 **For minor soiling**, washing with a mild household detergent or soft soap solution followed by rinsing with clear water. Do not use abrasive products or tools. Use abundant water to clean afterwards.

4.2 **For permanent marker pen stains** on the surface, we recommend to clean with Resene SEA to SKY coating remover. This water-based coating remover is environmentally friendly and safer to use than chemical strippers. Apply the product and remove with paper towels or a sponge. No dwell time is required. No abrasive products or tools are allowed. **Use abundant water to clean afterwards.**

4.3 **For alcohol-based marker pen stains** on the surface, we recommend to clean with a pure alcohol solution. Apply the product and remove with paper towels or white rags. Do not re-use the paper towels or white rags. No dwell time is required. No abrasive products or tools are allowed. **Use abundant water to clean afterwards.**

4.4 **For other stains and paints** on the surface, we recommend to clean with Resene Graffiti Cleaner. The product comes in spray bottles or in cans. It can be sprayed, rolled or wiped onto the surface. Allow a dwell time of 3 to 5 minutes. Remove with paper towels or white rags. Do not re-use the paper towels or white rags. If the stains stay, use the procedure as described under 4.2 with Resene SEA to SKY. No abrasive products or tools are allowed. **Use abundant water to clean afterwards.**

#### 5. Health and safety aspects

- Wear appropriate protective equipment, which may include gloves, eye protection and respirators.
- At all times, read the safety label of the manufacturer before using the product.
- For first aid instructions, refer to the MSDS Data Sheet provided by the manufacturer of the cleaning products.
- For the cleaning products: avoid breathing vapour, keep out reach of children, use with adequate ventilation, do not drink or consume foods while using the cleaning products.