

# PORCELAIN ENAMEL PRODUCTS

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This information is intended to provide basic general guidelines and recommendations for the storage, installation, care and cleaning of Zurn Porcelain Enamel Products. These should be followed in order to maintain the quality of the product and to ensure it provides the expected level of performance. Since there are constantly changing conditions at job sites and differences between job sites, the ultimate responsibility for proper storage, acceptable installation and appropriate care and cleaning lies with the Customer.

## **Section 1 – Storage & Handling**

- Each product should be visually examined for damage when received. If the box or packaging is damaged before opening / removing, the inspection of the product for possible shipping damage should be extra vigilant. The packaging should be removed carefully with a utility knife, taking care that the blade does not penetrate the packaging and impact the product. If any damage is found this should be reported immediately along with a photograph to the supplier and the claim filing procedure followed.
- The satisfactory product should then be returned to its packaging for safe storage. If pallet quantities are received, be sure to return each boxed product onto the pallet and re-wrap entire pallet.
- Once the product has been inspected, and re-packaged it should be stored under cover, in a clean dry location preferably indoors. This should be away from moving vehicles and protected from any possible impact damage.
- Handling and movement of the product should be kept to a minimum in order to avoid damage. The more times a product is moved the greater the possibility of on site handling damage.
- If product must be stored outdoors, proper care should be taken to cover and protect from weather conditions. The packaging should be protected from deterioration in order to maintain the integrity of the product.

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## Section 2 – Installation

- The product should remain in its original packaging for transporting to the installation location and not be removed from the packaging until it is ready to be installed.
- Once removed from its transport packaging, site operatives should ensure that the product has its upper (visible, exposed) surface both covered, and protected. Care should be taken to adequately protect all finished surfaces which will be exposed and visible in the products end use. The protection method should provide adequate protection from spillage, splashing and any impact damage, plus any other construction site activity that could result in damage to the surface finish.
- The protection should remain in place until all construction activities in the products particular area are completed and the area has been cleaned of refuse and cleaned ready for hand over. It should be ensured that no further activities will occur which could potentially damage the product if it is left uncovered.
- The protection should be adequate to protect the product from any concrete or grout which may be used in conjunction with wall or floor tiles. **Under no circumstances** should concrete or grout be allowed to enter, or be washed into the units. Either of the above could have a detrimental effect on the surface finish of the product and affect its long term performance.
- If it is necessary to rinse, or clean the grout or tiles, the product should be protected from contact with the liquids used. Under no circumstances should the residues be washed and flushed into the units. Adequate protection should include a physical barrier to prevent the liquids entering the product.
- In the event that spillage occurs onto the visible surface, removal and cleaning should be carried out following the care and cleaning procedures issued with the product.
- ..... The recommendations are designed to ensure that the product maintains its high quality of finish once installed and used and that it provides the expected longevity of service.

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## Section 3 – Care & Cleaning

### Note:

The porcelain coating is designed as an 'Acid Resistant Coating' and as such may suffer damage if it is allowed in contact with Alkali solutions. Alkali cleaning solutions should **NOT** be used under any circumstances.

**For best results, we would recommend the following when caring for your Zurn product:**

- Use a mild detergent such as liquid dishwashing soap and warm water for cleaning as the preferred method. Do not use abrasive cleaners that may scratch or dull the surface.
- Carefully read the cleaner products label to ensure that the cleaner is safe for use on the material.
- Always test your cleaning solution on an inconspicuous area before applying to entire surface.
- Do not allow cleaners to sit or soak on the surface.
- Wipe surfaces clean and rinse completely with warm water immediately after cleaner application. Rinse and dry any overspray that lands on nearby surfaces. Flush unit at least three times.
- Use a soft, dampened sponge or cloth. Never use an abrasive material such as a brush or scouring pad to clean surfaces.
- Do not use steel wool, wire brushes or abrasive sponge pads.
- In the rare occurrence of stubborn stains, use abrasive cleaners sparingly and lightly.
- Be careful not to leave staining materials in contact with the enamel surface for extended periods of time. In areas of high use, units should be inspected and cleaned daily.

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## **Section 4 – Recommended Cleaning Products**

- Comet bathroom cleaner
- Fantastik Antibacterial Heavy Duty
- Formula 409 Antibacterial all purpose
- Lysol bathroom cleaner
- Windex original

## **Section 5 – Recommended Cleaning Products For Rust Or Persistent Stain Removal**

- Bon Ami
- Super Iron Out Multi-purpose rust stain remover
- Zud multi-purpose cream cleaner

## **Additional Notes**

- (a) Success with cleaning agents and procedures is dependent upon such factors as the hardness, temperature and quality of the water, using exact measurements of ingredients, changes in cleaning formulas and the conditions of the product being cleaned. Since there are variations within these factors, Zurn cannot guarantee the effectiveness of the formulas recommended, only that, we would not consider them to have a detrimental effect on the porcelain coating.
- (b) Gloss reduction, scratching, staining and etching of the finish of the porcelain over time due to use, are not manufacturing defects but are indicative of normal wear and tear. These may be caused by a combination of usage, cleaning practices, or water or atmospheric conditions. Damage caused by accident, misuse, or abuse is not covered by warranty. Improper care and cleaning will also void warranty.