The following information is provided as a general guideline for the installation of Oceanside Glasstile Porcelain Collection; some installations require a more detailed specification. An experienced, professional tile installer, who has read and understands this information, should perform the work. For additional installation recommendations, please contact Oceanside Glasstile Technical Services by phone at 877-648-8222 or by email at techsupport@glasstile.com.

The owner or owner’s representative is responsible for determining the acceptability of the product prior to installation. Upon delivery, open and inspect each box of tile to verify the color and dye lot consistency. Any discrepancies in the order should be communicated immediately to the point of purchase. Blend the entire tile order either prior to or during installation to promote a visually consistent appearance. **No adjustments will be made after installation.**

Due to inherent warpage in large format tiles, Porcelain Collection floors designed with a running bond (brick) pattern should not be offset more than 30% of the tile’s length. The minimum recommended grout joint size for Porcelain Collection is $\frac{1}{8}”$.

**Installation**

This chart contains general use recommendations and corresponding laboratory test results. The environment, climate, maintenance and wear can affect the performance of all tile installations. It may be beneficial to consult with an architect or tile professional during the tile selection process or prior to installation.

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>WALLS</th>
<th>FLOORS*</th>
<th>COUNTERTOPS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Interior</td>
<td>Exterior</td>
<td>Interior</td>
</tr>
<tr>
<td>Light Residential</td>
<td>Residential</td>
<td>Heavy Residential</td>
<td>Light Commercial</td>
</tr>
<tr>
<td>Residential</td>
<td>Non-commercial floor areas that are subject to soft-soled footwear or normal footwear traffic with small amounts of abrasive soil. Some examples would be: living or dining rooms.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Heavy Residential</td>
<td>Residential flooring areas that are subject to normal footwear traffic with occasional amounts of abrasive soil. Some examples would be: halls, kitchens and corridors.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Light Commercial</td>
<td>Non-industrial, commercial flooring areas that are subject to normal footwear traffic (less than 50 people per hour) with occasional amounts of abrasive soil. Some examples would be: boutique showrooms and corporate office spaces.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Commercial</td>
<td>Flooring areas that are subject to considerable traffic and abrasive soil. Some examples of these would be: entrances, workrooms, inns, exhibition halls and salesrooms.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Heavy Commercial</td>
<td>Flooring areas that are subject to heavy traffic with very abrasive soil. An example would be the floor of a manufacturing facility.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Some limitations may apply. Please see DCOF AccuTest results and Manufacturer’s Warning on following page of these instructions.
# Porcelain Installation Instructions

## ISO Test Results

<table>
<thead>
<tr>
<th></th>
<th></th>
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<th></th>
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<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Requirements ISO 13006 Group Bia</td>
<td>Min 5</td>
<td>&lt; .5% (Impervious)</td>
<td>Min 35</td>
<td>Min 1.300</td>
<td>≤ 175mm²</td>
<td>Scale 1 to 5</td>
<td>Required</td>
<td>Required</td>
<td>Required</td>
</tr>
</tbody>
</table>

### Piel

- **Sharkskin**: 5 Pass Pass Pass Pass 4 Resists Resists Resists GA / GLA
- **Buckskin**: 5 Pass Pass Pass Pass 4 Resists Resists Resists GA / GLA

### Oxido

- **Carbon**: 5 Pass Pass Pass Pass 3 Resists Resists Resists GA / GLA
- **Rust**: 6 Pass Pass Pass Pass 3 Resists Resists Resists GA / GLA

### Decca

- **Clay**: 6 Pass Pass Pass Pass 4 Resists Resists Resists GA / GLA
- **Camel**: 6 Pass Pass Pass Pass 4 Resists Resists Resists GA / GLA
- **Flint**: 6 Pass Pass Pass Pass 4 Resists Resists Resists GA / GLA
- **Coal**: 6 Pass Pass Pass Pass 3 Resists Resists Resists GA / GLA

### Continuum

- **Copperwave**: 7 Pass Pass Pass Pass N/A Resists N/A Resists UA / ULA / UHA
- **Luna Gray**: 7 Pass Pass Pass Pass N/A Resists N/A Resists UA / ULA / UHA
- **Mystic White**: 7 Pass Pass Pass Pass N/A Resists N/A Resists UA / ULA / UHA

GA – Glazed Tile, tested with household chemicals & swimming pool salts: no visible effect
UA – Unglazed Tile, tested with household chemicals & swimming pool salts: no visible effect
GLA – Glazed Tile, tested with acids & alkalis – low concentrations: no visible effect
ULA – Unglazed Tile, tested with acids & alkalis – low concentrations: no visible effect
UHA – Unglazed Tile, tested with acids & alkalis – high concentrations: no visible effect

## Dynamic Coefficient of Friction

**DCOF AcuTest™ – Dynamic Coefficient of Friction**

A DCOF value of ≥ 0.42 is the new standard for tiles specified for floor applications in ANSI Standard A137.1-2012, Section 9.6. It replaces the ASTM C1028 static coefficient of friction (SCOF) value of ≥ 0.60 commonly specified for commercial floor applications. For more information about the DCOF AcuTest and the correlation between DCOF and SCOF, visit the Tile Council of North America's website: www.tcnatile.com.

### Piel

- **Sharkskin**: .35 - .38
- **Buckskin**: .38 - .44

### Oxido

- **Carbon**: .31 - .36
- **Rust**: .31 - .38

### Continuum

- **Copperwave**: .47 - .59
- **Luna Gray**: .59 - .65
- **Mystic White**: .37 - .44

*These tiles have a dynamic coefficient of friction less than 0.42 as measured by the DCOF AcuTest. Tiles with DCOF AcuTest values less than .42 are not recommended for use in areas with wet or slippery conditions. If such tiles are used as a walking surface where water, ice, oil, grease and/or other substances are present, such a condition could cause a reduction in foot traction and become unexpectedly slippery resulting in a fall and personal injury. See ANSI standard A137.1 section 6.2.2.1.10, available at www.tcnatile.com.*
Oceancare, an innovative line of sealing and maintenance products for tile and natural stone. Developed by Oceanside Glasstile using cutting-edge chemical technology, Oceancare products are highly effective, easy to use and environmentally friendly.

General Cleaning
The key to successfully maintaining any tile installation is regular, proper maintenance. Food or other spills (i.e. coffee, wine & citrus) should be wiped up immediately. For regular cleaning use a nylon scrub-brush or 3M white nylon scrub pad and the appropriate cleaner listed below.

**Oceancare pH Neutral Tile & Stone Cleaner**
A non-toxic, biodegradable, all-purpose, no-rinse cleaner designed for daily use on almost any hard surface.

**Oceancare All Purpose Cleaner & Degreaser**
A 100% natural, plant-derived, citrus-based alkaline cleaner that quickly cuts through heavy grease and oil.

**Oceancare Calcium Releaser**
A non-toxic, acid-free cleaner that removes hard water deposits from porcelain tile, shower doors and plumbing fixtures.

**Oceancare Grout Haze Remover**
A biodegradable, non-toxic, acid-free cleaner that removes cement-based grout haze from porcelain tile and deep cleans heavily soiled cement-based grouts.

Sealing
**Oceancare High Performance Penetrating Sealer Hybrid Carrier Technology™**
Penetrates and protects grout, natural stone and other porous masonry materials. Forms an invisible, no-sheen barrier that is resistant to water and oil and provides superior stain protection. Low residue, easy to use formula. May be applied to dry, damp, cured or uncured grout or natural stone (seriously...immediately after grouting!).

For product availability and pricing please contact an Oceancare dealer or visit www.oceancareproducts.com.