Where function meets style

Aristokrat Series

2cm HydraPressed Porcelain Slabs

Dover Grey and BlackStone

Courtesy of Landscape 2000

ABBOTSFORD CONCRETE PRODUCTS
Aristokrat Series

2cm HydraPressed Porcelain Slabs

This 2cm HydraPressed Porcelain Slab is manufactured with our patent-pending integral mix design, ensuring you the finest quality 2cm HydraPressed Porcelain Slabs on the market.

Traditionally porcelain has been used for extensive indoor applications but now with our advanced manufacturing technology, porcelain slabs can be used for a wide variety of outdoor hardscape applications.

The Aristokrat Series is perfect for terraces, roof decks, patios, courts yards, swimming pools, water features or any traditional hardscape areas. Porcelain slabs deliver performance, style, versatility and are resistant to staining, fading, marking, chemicals and extreme weather. It is the ideal choice for residential or commercial outdoor applications but can also be used indoors for aesthetic continuity.

This unique product, with next generation technology, can be used for exterior architectural cladding as an alternative to conventional masonry products, providing a low maintenance high quality elegant finish.

Abbotsford Concrete Products welcome you to the Aristokrat Series, our latest HydraPressed Slab.

The exceptional technical features of Aristokrat HydraPressed Slabs are not affected by the passing of time and can be installed by using one of the three following methods: Adjustable Blackjack® Pedestals, aggregate set or traditional mortar set.

Aristokrat Slabs are fully rectified for squariness and are dimensionally consistent reducing installation time and cost.

The Aristokrat Series is extremely versatile: it is thinner and lighter (only 9lbs/ft²) than concrete and natural stone slabs, while providing superior flexural and load-bearing capacity.

The Aristokrat Series is very low maintenance, durable and stain resistant. All slabs come with our proven ‘Anti-Slip’ surface and are available in over 20 rich color blends with subtle variations and textures that emulate natural Limestone, Granite, Travertine, Marble and Quartz. There are six modular sizes allowing a wide variety of layout combinations for complete design freedom.
Standard Sizes:
23 5/8" x 47 1/4" x 3/4" (60cm x 120cm x 2cm)
23 5/8" x 35 1/2" x 3/4" (60cm x 90cm x 2cm)
23 5/8" x 23 5/8" x 3/4" (60cm x 60cm x 2cm)
17 3/4" x 35 1/2" x 3/4" (45cm x 90cm x 2cm)
17 3/4" x 17 3/4" x 3/4" (45cm x 45cm x 2cm)

Wood Plank Sizes:
8 3/4" x 35 1/2" x 3/4" (22.5cm x 90cm x 2cm)

All sizes are nominal.

• Stain and mark resistant high density surface
• No efflorescence
• Use outdoors or indoors
• Precise sizing greatly reducing installation time and cost
• Superior strength to thickness ratio than concrete or natural stone
• Lightweight (only 9lbs/ft²) provides for cost savings in shipping and installation
• Install on pedestals, aggregate or mortar set
• Can be used in permeable paving slab applications

Milan Travertine
Courtesy of Tidytime Installation

Bull-nosed Coping and Stair Treads are available in all colors.
11 3/4" x 23 5/8" x 3/4" (30cm x 60cm x 2cm)
While the colors shown here are represented as accurately as possible, they should only be used as a guide. Actual samples should be viewed before making a final color selection. For best results, slabs should be installed from several pallets in random order to ensure overall consistency, especially with multi-color blends.
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Our designers have aspired to create unique patterns and finishes to imitate the look of natural stone. Each color or piece in the Aristokrat Series has subtle shading and pattern changes to emulate as though it were quarried from the piece next to it. Keeping in mind that nature creates but never duplicates, it is important when installing that you select slabs from numerous pallets to ensure even blending throughout your project.
With over 20 colors and 5 sizes, the possibilities are endless!
Pattern Guide to help you order and layout your project

**Random Pattern 1**
- 24"x48" (60cm x 120cm) 23% of area
- 24"x36" (60cm x 90cm) 23% of area
- 24"x24" (60cm x 60cm) 11% of area
- 18"x36" (45cm x 90cm) 26% of area
- 18"x18" (45cm x 45cm) 17% of area

**Random Pattern 2**
- 18"x36" (45cm x 90cm) 57% of area
- 18"x18" (45cm x 45cm) 43% of area
- or
- 24"x48" (60cm x 120cm) 57% of area
- 24"x24" (60cm x 60cm) 43% of area

**Random Pattern 3**
- 24"x48" (60cm x 120cm) 40% of area
- 24"x36" (60cm x 90cm) 30% of area
- 24"x24" (60cm x 60cm) 30% of area

**Random Pattern 4**
- 24"x48" (60cm x 120cm) 25% of area
- 24"x36" (60cm x 90cm) 19% of area
- 24"x24" (60cm x 60cm) 13% of area
- 18"x36" (45cm x 90cm) 24% of area
- 18"x18" (45cm x 45cm) 19% of area
### Aristokrat Series

**2cm HydraPressed Porcelain Slabs**

#### Runner Bond Pattern 1
- 24”x48” (60cm x 120cm) 36% of area
- 24”x36” (60cm x 90cm) 28% of area
- 24”x24” (60cm x 60cm) 36% of area

#### Runner Bond Pattern 2
- 18”x36” (45cm x 90cm) 44% of area
- 18”x18” (45cm x 45cm) 56% of area

#### Random Pattern 5
- 24”x48” (60cm x 120cm) 46% of area
- 24”x36” (60cm x 90cm) 27% of area
- 24”x24” (60cm x 60cm) 27% of area

#### Random Pattern 6
- 18”x36” (45cm x 90cm) 67% of area
- 18”x18” (45cm x 45cm) 33% of area
Pattern Guide to help you order and layout your project

Herringbone 45° and 90°
- 18"x36" (45cm x 90cm) 100% of area or
- 24"x48" (60cm x 120cm) 100% of area

Basket Weave 45° and 90°
- 24"x36" (60cm x 90cm) 100% of area

Lattice Pattern
- 18"x18" (45cm x 45cm) 44% of area or
- 24"x48" (60cm x 120cm) 44% of area

Parquet Pattern
- 18"x36" (45cm x 90cm) 100% of area or
- 24"x48" (60cm x 120cm) 100% of area
BlackJack OneStep System

**OneStep** is a pedestal for slab support engineered to reduce material, construction and life-cycle costs. It has a height range of between .95" and 1.77" (24mm and 45mm) that may be increased using BJ 20E and/or BJ 40E extenders.

Individual chocks can be adjusted independently in 1 mm increments and locked in place with the provided locking pins to compensate for uneven installation surfaces.

OneStep can be separated into halves or quarters enabling flush placement along wall edges as well as inside and outside corners. 

**Supports Green Building - LEED points available**

**Applications:**
BlackJack OneStep System is used to support a wide range of concrete, natural stone and marble slabs on:
- Roofs
- Plaza decks
- Balconies
- Swimming pool surrounds
- Verandas
- Patios

**System Advantages:**
- Minimum height of .16 (4mm)
- Easy to install and lightweight
- OneStep provides progressive 1mm height adjustment
- Lock height adjustment in place with locking pins
- Made from recycled polypropylene
- Accommodates slabs of inconsistent thickness
- Reduces construction time
- Reusable, suitable for temporary paving or retrofitting

**Construction Benefits:**
Height extensions and height adjustments are easy and convenient. Independent chock adjustments can be made to compensate for differences in slab thickness.

Eliminates need for bedding sand or cement screed, reducing the load burden on building structures. It also reduces installation time and costs. Joint sealant and grouts are unnecessary between slabs. The slab gaps provide surface drainage and allow for expansion and contraction.

**High Compressive Strength**
BlackJack OneStep with Extenders up to 4.13" (105mm) has ultimate compressive strength of ≥ 5618 lb (25 kN).

**LEED Points Available**
BlackJack OneStep System is manufactured from recycled polypropylene.

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** BJ OneStep Extenders provide height extension up to 4.13" (105mm).**

** BJ OneStep separated into halves enable flush placement along edges.**

** BJ 4mm ultra-low fixed-height pedestals.**

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BlackJack OneStep Extenders from 4mm - 105mm and BlackJack Pedestals from 74 - 1016mm, provide for height adjustment for
BlackJack ScrewJack Pedestals - Adjustable support systems for HydraPressed Slabs

BlackJack is a height and slope adjustable pedestal for slab and decking support, engineered to reduce material, construction and life-cycle costs.

It caters to a wide range of height requirements, from $2\frac{7}{8} - 40''$ (74mm - 1016mm), using only three main components (Top, Coupler and Base).

Accessories include top slope-correctors, spacer tabs, couplers and joist holders.

**High Compressive Strength**
BlackJack has high ultimate compressive strength for various height combinations.

**Supports Green Building**
BlackJack is manufactured from recycled polypropylene, LEED points available.

**Advantages**
- Easy to install and lightweight
- Progressive height increments
- Top slope correction
- Easily removed and reused
- Made from recycled polypropylene

**Construction Benefits**
BlackJack provides a quick to install alternative to on-site fabricated concrete or metal piers.

It allows convenient progressive height adjustments and correction for fall.
Desired height is secured with integrated Locking Rings.

The large flat base and rounded edges do not penetrate and compromise waterproofing membranes. The base flange design prevents water ponding and breeding of pests.

Unique BlackJack Turning Tool (pictured below) connected to a power drill permits height adjustments to be made with minimum effort. Available from your Abbotsford Concrete Representative.

Turning Tool
Turning Tool greatly reduces the time needed for height adjustments.

Top Slope Corrector
Top Slope Correctors provide for slope compensation up to 5%, keeping slabs level on a sloping surface.

Locking Ring
Locking Rings ensure pedestals are secured at desired heights and are easily removed when not required.

Spacer Tab
Spacer Tab height 5/8" (15mm) with a thickness of 1/8" (3mm) between slabs.

Installation of plaza decks, roof terraces, balconies, garden patios, swimming pools and temporary floors.
The Aristokrat Series can be installed using traditional mortar and aggregate set methods.

Visit www.pavingstones.com for complete details on installing the Aristokrat Series.

- **Aggregate Set**
  - on aggregate base
  - pedestrian only

- **Mortar Set**
  - concrete base with thinset mortar or construction adhesive
  - pedestrian and vehicular traffic

- **Set on Pedestals**
  - over sloped surfaces and utility pipes and conduits
  - pedestrian only

When choosing an installer for your project, it is advised that you choose an ICPI (Interlocking Concrete Pavement Institute) Accredited Installer.

For installation guidelines visit www.pavingstones.com.
# Aristokrat Series 2cm HydraPressed Porcelain Slab Advantages

<table>
<thead>
<tr>
<th>Test Method</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Water Absorption</strong></td>
<td></td>
</tr>
<tr>
<td>CSA A23.2-11C</td>
<td>≤ 0.2%</td>
</tr>
<tr>
<td>ASTM C140</td>
<td></td>
</tr>
<tr>
<td><strong>Freeze/Thaw Resistance</strong></td>
<td></td>
</tr>
<tr>
<td>ISO 10545-12</td>
<td>Resistant</td>
</tr>
<tr>
<td><strong>Flexural Strength</strong></td>
<td></td>
</tr>
<tr>
<td>CSA-231.1 (24”x24”)</td>
<td>≥22 Mpa (3191 psi)</td>
</tr>
<tr>
<td>CSA-231.1 (18”x18”)</td>
<td>≥27 Mpa (3916 psi)</td>
</tr>
<tr>
<td><strong>Compressive Strength</strong></td>
<td></td>
</tr>
<tr>
<td>ASTM C140</td>
<td>≥208 Mpa (30,000 psi)</td>
</tr>
<tr>
<td><strong>Abrasion Resistance</strong></td>
<td></td>
</tr>
<tr>
<td>ISO 10545-6</td>
<td>≤ 145 mm³</td>
</tr>
<tr>
<td><strong>Eco-friendly</strong></td>
<td></td>
</tr>
<tr>
<td>The Leadership in Energy and Environmental Design (LEED) Green Building Rating System is a third-party certification program for the design, construction and operation of environmentally efficient buildings.</td>
<td></td>
</tr>
</tbody>
</table>

**LEED Points Available:**

- Light color mix design recycle content of material for mainbody 24.5%, 100% recycled water.
- Dark color mix design recycle content of material for mainbody 41.7%, 100% recycled water.
- SRI Value (Solar reflective index)
  - ASTM E903
    - 15 to 67

Please visit our website at [www.pavingstones.com](http://www.pavingstones.com) for specific product values.

<table>
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<tr>
<td><strong>Thermal Expansion</strong></td>
<td></td>
</tr>
<tr>
<td>ISO 10545-8</td>
<td>α ≤ 7 x 10⁻⁶°C⁻¹</td>
</tr>
<tr>
<td><strong>Thermal Shock Resistance</strong></td>
<td></td>
</tr>
<tr>
<td>ISO 10545-9</td>
<td>Resistant</td>
</tr>
<tr>
<td><strong>Chemical Resistance</strong></td>
<td></td>
</tr>
<tr>
<td>ISO 10545-13</td>
<td>Resistant</td>
</tr>
<tr>
<td><strong>Stain Resistance</strong></td>
<td></td>
</tr>
<tr>
<td>ISO 10545-14</td>
<td>Resistant</td>
</tr>
<tr>
<td><strong>Slip Resistance</strong></td>
<td></td>
</tr>
<tr>
<td>AMSI/NFSI B101.3</td>
<td>Dynamic Coefficient of Friction</td>
</tr>
<tr>
<td></td>
<td>Wet &gt; 0.7</td>
</tr>
<tr>
<td></td>
<td>Dry &gt; 0.6</td>
</tr>
</tbody>
</table>

**Size and Color Uniformity**

- With the patent pending, advanced technology of **integral mix design**, our Aristokrat Series Porcelain Slabs will avoid the problems encountered with other manufacturing processes or with natural stone such as internal cracks and color fading.
- Precise sizing greatly reduces installation time and cost as well as providing an overall consistent aesthetic finish.
- A 2 cm thick porcelain slab is equal in strength to a 4 cm minimum thickness of natural stone. This greatly reduces shipping and installation costs.

Our designers have aspired to create unique patterns and finishes to imitate the look of natural stone. Each color or piece in the Aristokrat Series has subtle shading and pattern changes to emulate as though it were quarried from the piece next to it. Keeping in mind that nature creates but never duplicates, it is important when installing that you select slabs from numerous pallets to ensure even blending throughout your project.

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