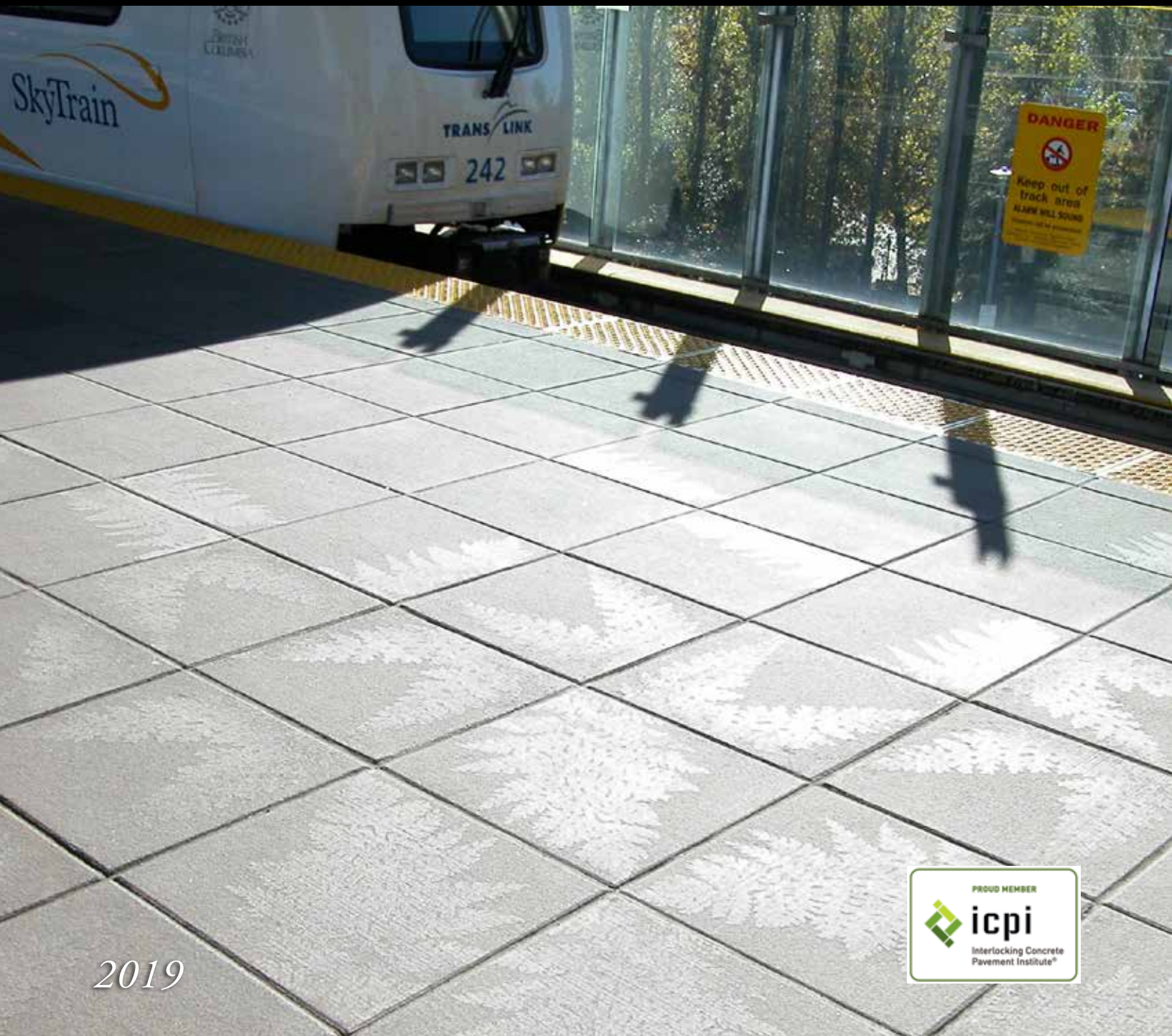


HydraPressed Slabs



Where function meets style



ABBOTSFORD
CONCRETE PRODUCTS



Texada

This series is named after the rugged and beautiful Gulf Islands of the Pacific Northwest.

"Texada" HydraPressed Slabs

have a light shot-blast "architectural finish" producing subtle colors with a distinctive elegant appearance.

Standard Sizes:

24" x 12" x 2"	610mm x 305mm x 50mm
24" x 24" x 2"	610mm x 610mm x 50mm
18" x 18" x 1 5/8"	457mm x 457mm x 40mm



Unsealed



Natural Charcoal Desert Sand Tan Green Red Brown

**Note: Sealing is applied post installation.*



400 tonnes of hydraulic pressure delivers strength, density and durability comparable to natural stone.



Saturna

"Saturna" HydraPressed Slabs

receive a deep shot-blast "architectural finish" exposing the natural hues of the aggregates, creating rich color accents.



Standard Sizes:

24" x 12" x 2"	610mm x 305mm x 50mm
24" x 24" x 2"	610mm x 610mm x 50mm
18" x 18" x 1 5/8"	457mm x 457mm x 40mm



Unsealed



Natural Charcoal Desert Sand Tan Green Red Brown

**Note: Sealing is applied post installation.*



"Sandstone" HydraPressed Slabs

are created in the same manner as Texada by applying a light shot-blast "architectural finish".

Create unique and beautiful patterns by using a combination of any of our other HydraPressed Slab Series. The possibilities are yours to imagine.

Standard Sizes:

24" x 12" x 2"	610mm x 305mm x 50mm
24" x 24" x 2"	610mm x 610mm x 50mm
18" x 18" x 1 5/8"	457mm x 457mm x 40mm



Unsealed



Sealed*



Natural

Charcoal

Desert Sand

Tan

Green

*Note: Sealing is applied post installation.

Our HydraPressed Slabs come in a variety of colors and sizes... the possibilities are endless! 5



Cortez Series

The Cortez Series with our exclusive PermaFinish, two layer, unified manufacturing process now allows us to offer a beautiful choice of color blends.

Unleash your creativity on your next project using a variety of colors, shapes and sizes to define your unique style.

Standard Sizes:

610mm x 610mm x 50mm (24" x 24" x 2")

457mm x 610mm x 50mm (18" x 24" x 2")

305mm x 610mm x 50mm (12" x 24" x 2")

457mm x 457mm x 50mm (18" x 18" x 2")

305mm x 457mm x 50mm (12" x 18" x 2")

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.



Natural



Granite



Charcoal



Sandalwood



Copper Canyon



New York Stone Series

The New York Stone Series

with our exclusive PermaFinish, two layer, unified manufacturing process is a reinvention of our popular York Stone series.

This series with its natural stone-like appearance offers unlimited possibilities with a choice of beautiful color blends in a variety of shapes and sizes.

Standard Sizes:

610mm x 610mm x 50mm (24" x 24" x 2")
 457mm x 610mm x 50mm (18" x 24" x 2")
 305mm x 610mm x 50mm (12" x 24" x 2")
 457mm x 457mm x 50mm (18" x 18" x 2")
 305mm x 457mm x 50mm (12" x 18" x 2")

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.



Granite



Charcoal



Sandalwood



Copper Canyon



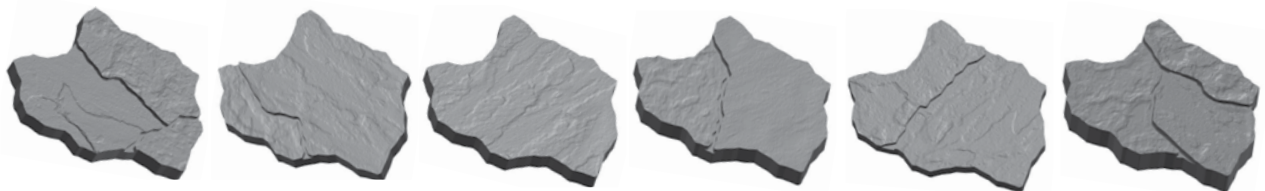
FlagStone consists of six identically shaped pavers, each with its own unique pattern, in six beautiful color blends that easily fit together to create an authentic look of natural flagstone at a fraction of the cost.



High Performance Polymeric Joint Sand

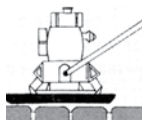
This paver is installed in the same way as our other pavers, however, FlagStone requires the application of High Performance Polymeric Joint Sand designed for use with wide joint formats.

Our other pavers such as Pacific Slate can be used to create complementary borders or straight edges for stair treads.



Dimensions: 19-3/4"x15"x 2-3/8"

Actual area of each piece: 1.5 sq ft



Note: Due to this paver's unique profile, a special mat is required to be placed on the bottom of the compactor. Please contact your dealer for complete details.

FlagStone is not recommended for vehicular applications.

FlagStone is available in six beautiful color blends.



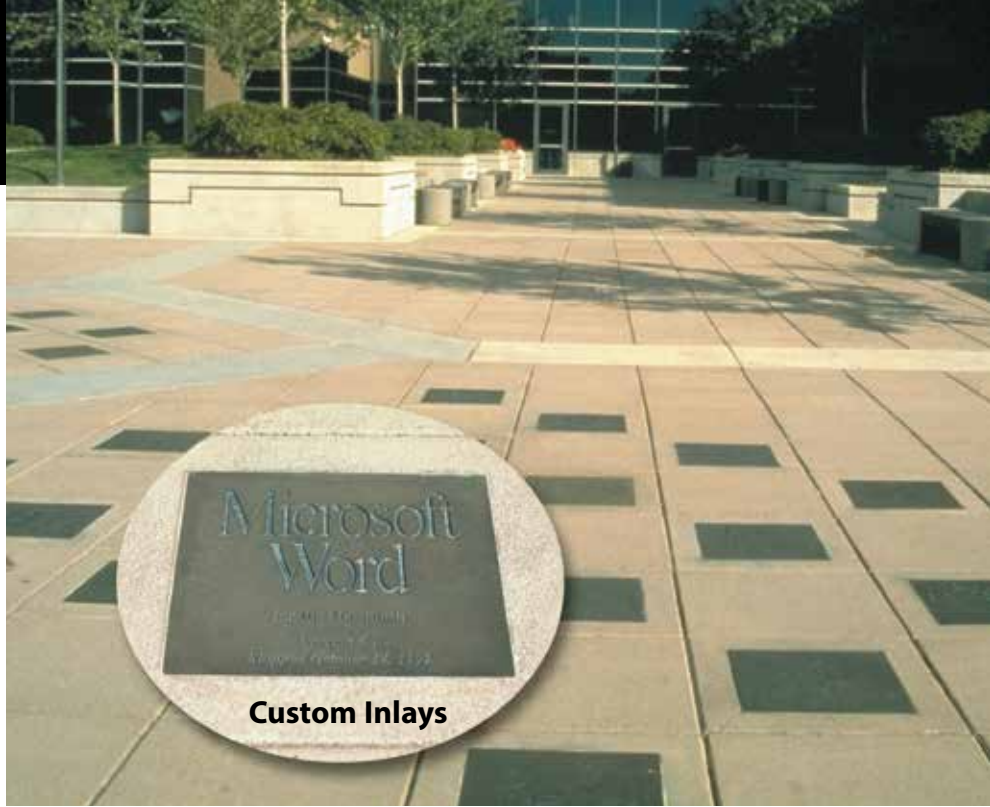
Specialties

Abbotsford Concrete Products

prides itself in being able to customize to your unique requirements. Our HydraPressed Slabs are available in the following:

Standard Sizes:

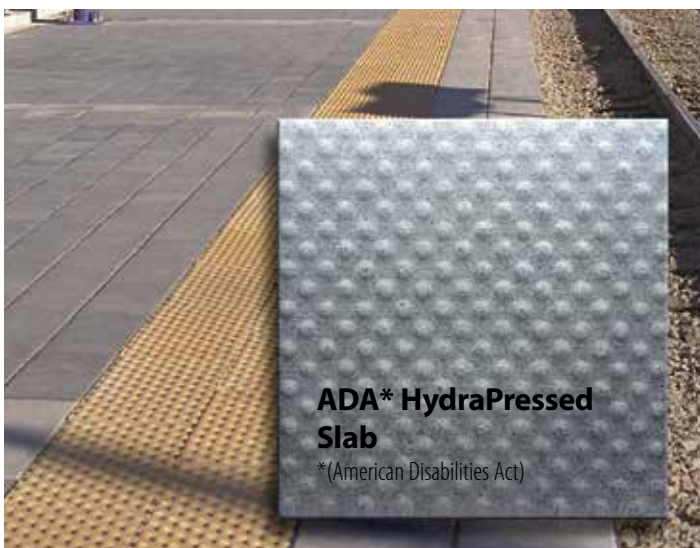
24" x 12" x 2"	610mm x 305mm x 50mm
24" x 24" x 2"	610mm x 610mm x 50mm
18" x 18" x 1-5/8"	457mm x 457mm x 40mm



Custom Inlays



HydraPressed Drains



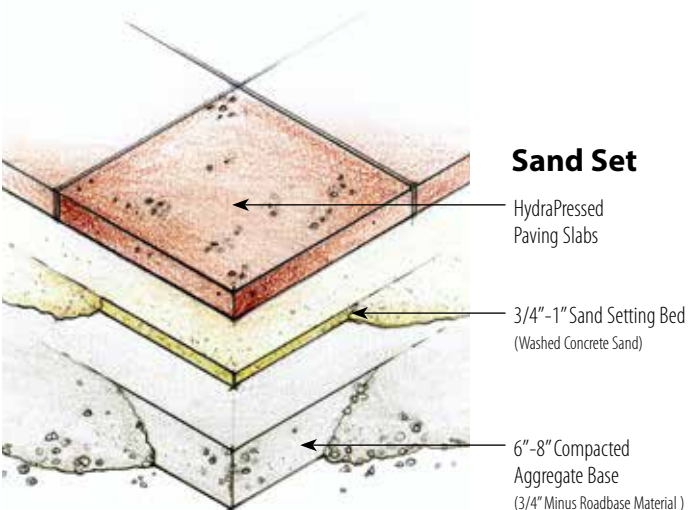
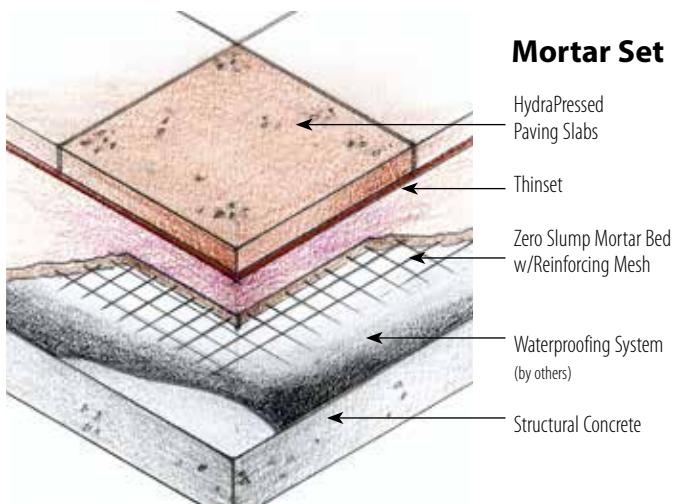
ADA* HydraPressed Slab
*(American Disabilities Act)

For those projects that require something a little out of the ordinary, such as special sizing or custom coloring, please contact your Abbotsford Concrete Representative for assistance.



Interior Application

HydraPressed Slab Installation Details



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 lifecycle costs.

It caters to a wide range of height requirements, from **27/8" - 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.

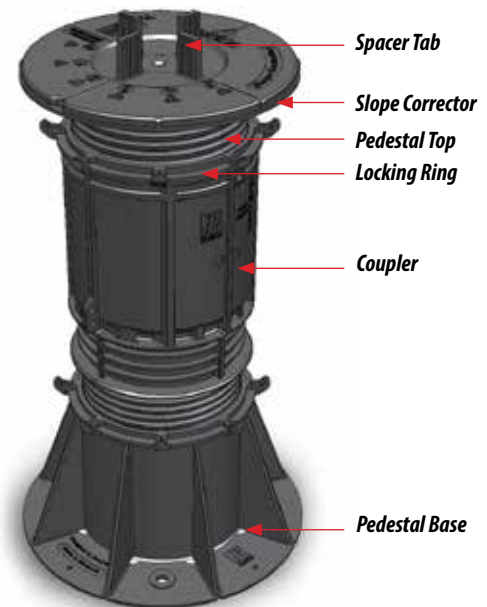
It allows convenient progressive height adjustments and correction for fall. Desired height is secured with integrated Locking Rings.

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.



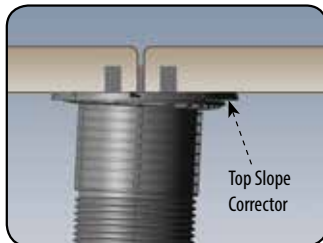
Made from 100% recycled polypropylene



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.



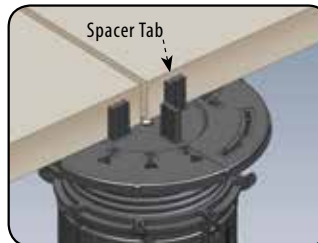
Locking Ring

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



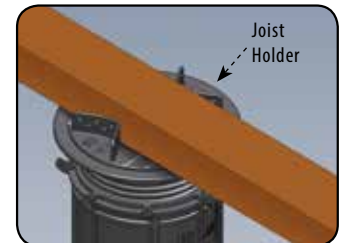
Spacer Tab

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



Joist Holder

Joist Holders accommodate joist width from 1 3/8" to 3 1/8" (35mm - 80mm) to keep joists firmly in place on pedestals.





Accessories



BJ Top Slope Corrector



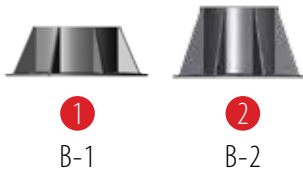
BJ Spacer Tabs 3mm



BJ Joist Holder

BlackJack® Components

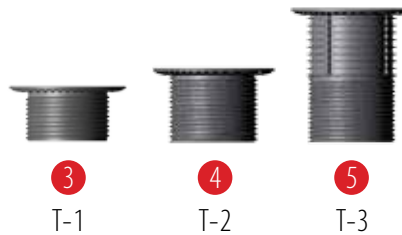
BJ bases



1
B-1

2
B-2

BJ tops



3
T-1

4
T-2

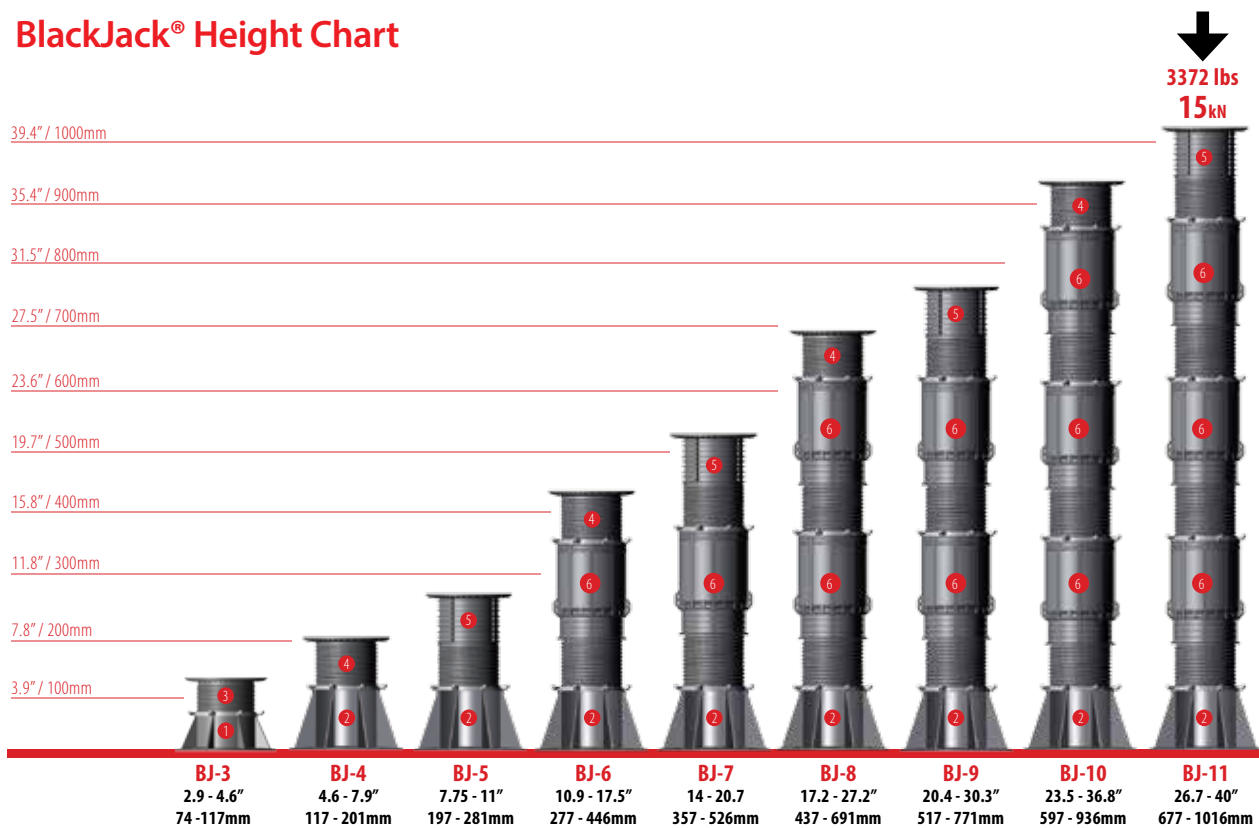
5
T-3

BJ coupler



6
C-1

BlackJack® Height Chart



BJ-3, BJ-4 and BJ-5 come pre-assembled including spacer tab. All others are created by adding a BJ Coupler(s) to a BJ-3, BJ-4 or BJ-5.

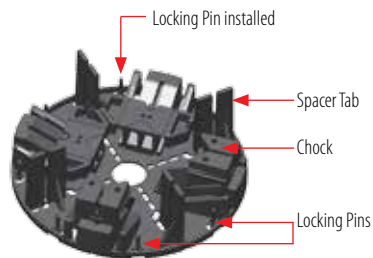
BlackJack® OneStep System

OneStep pedestals are designed for slab support engineered to reduce material, construction and life-cycle costs. They have a height range of between .95" and 1.77" (24mm and 44mm). The height may be increased to 4.1" (104mm) by using BJ 20E and/or BJ 40E extenders.

HalfStep pedestals have a height range of .47" and .94" (12mm-24mm)

OneStep and HalfStep pedestals have individual chocks that can be adjusted independently in 1mm increments to compensate for uneven installation surfaces. Both pedestals can be separated into halves or quarters enabling flush placement along wall edges as well as inside and outside corners.

The BJ - 4mm Pedestal is an ultra-low fixed-height pedestal designed to support concrete, stone, tile and timber pavers. It also creates a drainage layer which reduces efflorescence and algae growth.



OneStep Pedestal



BJ 20E
3/4" (20mm) Extender



BJ 40E
1 1/2" (40mm) Extender



HalfStep Pedestal



HalfStep Pedestal
chocks placed at
minimum height



HalfStep Pedestal
chocks placed at
maximum height



BJ-4mm Pedestal



Double BJ-4mm as 8mm pedestal



1/2 BJ-4mm along wall edge



3/4 BJ-4mm around corner

Applications:

BlackJack® OneStep System is used to support a wide range of concrete, natural stone and marble slabs on:

- Roofs
- Balconies
- Verandas
- Plaza decks
- Swimming pool surrounds
- Patios

System Advantages:

- Minimum height of .16" (4mm)
- Easy to install and lightweight
- OneStep provides progressive 1mm 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 4.1" (104mm) has ultimate compressive strength of ≥ 5618 lb (25 kN).

LEED® Points Available

BlackJack® OneStep System is manufactured from recycled polypropylene.



BlackJack® OneStep Extenders provide height extension up to 4.1" (104mm).



BlackJack® OneStep separated into halves enable flush placement along edges.



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

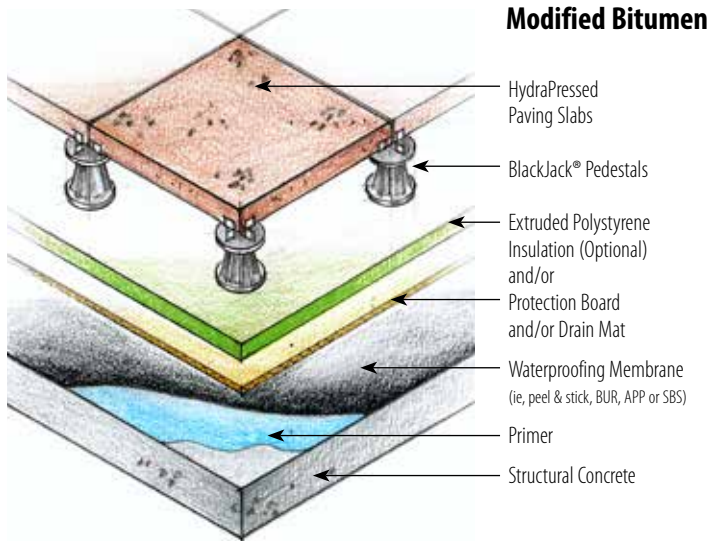


Made from 100% recycled polypropylene

5618 lbs
25kN



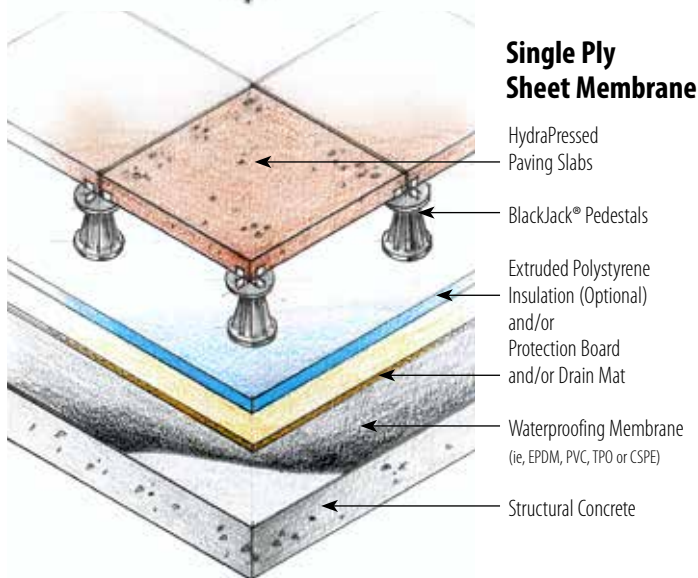
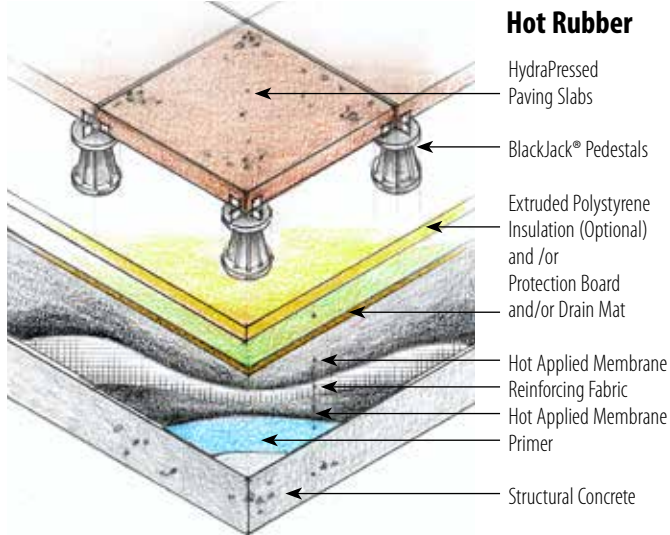
Typical BlackJack® Screw Jack Pedestals for waterproofing roof deck systems



HydraPressed Paving Slabs are used for pedestrian traffic or in areas where light maintenance vehicles (ie. golf carts) operate. HydraPressed Paving Slabs are installed on sand, mortar, or pedestal systems, for patios, plaza decks, roof tops, or any other type of pedestrian walking surface.

The BlackJack® Pedestal system is designed for use over pitched surfaces. This system ensures precise HydraPressed Slab alignment and even spacing to allow for drainage and air circulation which are critical to the health of any deck installed over a waterproof membrane. This segmental system allows for ease of access for repairs or annual maintenance to the subsurface without damage to the HydraPressed Slabs.

Note: When specifying these types of built-up roof systems, be sure to consult the waterproofing manufacturers design details and specifications.



HydraPressed Paving Slab Specifications

1.0 Qualifications:

The manufacturer is to be prequalified by the specifier, with the manufacturer having a minimum of 5 years experience in precast concrete pavers, and specialty products.

2.0 References:

Materials must conform to the following ASTM and CSA Standards:

A)	ASTM 150,	CSA A5	:	Specification for Portland Cement
B)	ASTM C33,	CSA A23.1	:	Specification for Normal Weight Aggregates
C)	ASTM C979		:	Specification for Pigments
D)	ASTM C140,	CSA A231.1-14	:	Specification for Compressive Strength
E)	ASTM C1782/C1782M-16	CSA A231.1-14	:	Specification for Flexural Strength
F)	ASTM C140,	CSA A23.2-11C	:	Specification for Water Absorption
G)	ASTM C1782/C1782M-16	CSA A231.1-14	:	Specification Freeze/Thaw

3.0 Technical Specifications:

Flexural Strength: Average flexural (transverse) strength of the concrete paving slabs shall be at least 725 PSI (5 MPA) with no individual unit below 650 PSI (4.5 MPA) when tested in accordance with CSA A231.1 – 14 ASTM C1782/C1782M-16.

Water Absorption: Average water absorption shall not be greater than six percent (6%) with no individual unit greater than seven percent (7%), when tested in accordance with ASTM C140. CSA A231.1 – 14.

Scaling Resistance: Specimen shall not have an average loss of mass greater than 225 g/m² of the total inundated surface area of the individual paving slab after 28 cycles of freezing and thawing, 500 g/m² after 49 cycles. Specimens with an architectural finish shall not have an average loss of mass greater than 500 g/m² of the total inundated surface area of the individual paving slab after 28 cycles of freezing and thawing, or 1200 g/m² after 49 cycles. When tested in accordance with CSA A231.1 – 14 ASTM C1782/C1782M-16.

Dimensions: Dimensions of paving slabs and concave or convex warpage shall not differ from those agreed upon by the manufacturer by more than the following amounts:

- a) Length and width: -1.0mm to + 2.0mm
- b) Height \pm 3.0mm
- c) Concave or convex warpage in one dimension by the following amounts:
 - i) up to 450mm, 2.0mm; or
 - ii) over 450mm, 3.0mm.

Dimensions are based on manufacturer's standard drawings for the particular shape identified.

Center Point Load Test of Pedestal-supported Slabs: 1,800 lbs.

3.1 Test Results:

Documentation for the test results is on file and available upon request.

3.2 Technical Services:

Technical service representatives are available to assist with project design, paver selection, installation recommendations, or any other technical concerns you may have.

Contact: ABBOTSFORD CONCRETE PRODUCTS Toll free at 1-800-663-4091.

4.0 Submittals:

Two matched samples shall be used to determine the color and texture, one to be retained by the specifier, and the other by the manufacturer, to ensure the correct paver is provided to the project.

5.0 Installation:

Installers should have a current Interlocking Concrete paver Institute (ICPI) certification. Qualified installers must show successful completion of three (3) similar sized project applications within the last three (3) years. The installer shall assign mechanics from these earlier applications, one of whom shall serve as lead mechanic. Installers not meeting this criteria shall require approval from the specifier or manufacturer prior to installation.

6.0 Efflorescence:

Efflorescence is a whitish powder-like deposit that regularly appears on concrete products. This will usually wash or wear off over time, however, efflorescence can be removed with commercially available cleaners. Evidence of efflorescence shall not be cause for rejection. (In accordance with CSA A231.1-14 Section 6.1.5 Efflorescence)

7.0 Maintenance:

This product requires low maintenance. As the product is removable, it allows for easy maintenance to substrate as well as easy replacement of damaged pavers. A high-pressure wash is recommended from time to time with drains being cleaned regularly.

8.0 Warranty:

Abbotsford Concrete Products provides a manufacturer's warranty ensuring material specification compliance.

Note: This document supersedes all previous versions. 28/02/2019



Manufactured by

ABBOTSFORD
CONCRETE PRODUCTS

Toll Free: 1-800-663-4091

Visit our website at

www.pavingstones.com

for complete **design details** and **photo gallery**