



ROOF DECK & OVERLAY SOLUTIONS

Slab & pedestal applications

Pedestals are for more than just roof decks...



Techo-bloc’s roof deck approved slab collection offers over 40 unique combinations of shapes, sizes, textures & colors.

With the ability to elevate a paving surface, compensate for subsurface slopes and to hide existing or future utilities, adjustable pedestal systems are for more than just roof deck applications. Consider substituting for aggregate backfill in raised patio situations, or replacing a wood deck with concrete paving slabs supported by pedestals.

To watch a creative use of the Buzon BC-Series of pedestals in a residential landscape project, check out:

YOUTUBE.COM/TECHOBLOC

Search for keyword “Pedestal”

Physical Properties of our slab collection for roof decks

PHYSICAL PROPERTIES	VALUES (ASTM C1782 compliant)	VALUES (CSA A231.1 compliant)
Flexural strength	725 psi (5 MPa) - Blu grande Slab 650 psi (4.5 MPa) - Ocean & Industria Slab	5 MPa (725 psi) - Blu grande Slab 4.5 MPa (650 psi) - Ocean & Industria Slab
	Resistance to freezing and thawing	De-icing salt freeze-thaw durability
Loss of mass after 28 cyles	225 g/m²	500 g/m²
Loss of mass after 49 cyles	500 g/m²	1200 g/m²
Dimensional tolerance		
Units up to and including 24 in. [610 mm]	Length & Width: -0.04 in. [1 mm] to +0.08 [2 mm]	Length and Width: -1.0 mm to +2.0 mm Thickness: +3.0 mm
	Thickness: ± 0.12 in. [3 mm]	
Units over 24 in. [610 mm]	Length & Width: -0.06 in. [1.5 mm] to +0.12 [3 mm]	
	Thickness: ± 0.12 in. [3 mm]	
Warpage		
± 0.08 in. [2 mm] Dimension of 17.75 in. [450 mm] and less		
± 0.12 in. [3 mm] Dimension over 17.75 in. [450 mm]		

LEGEND



TECHO-BLOC WARRANTY



DE-ICING SALT RESISTANT



DO NOT USE VIBRATING PLATE



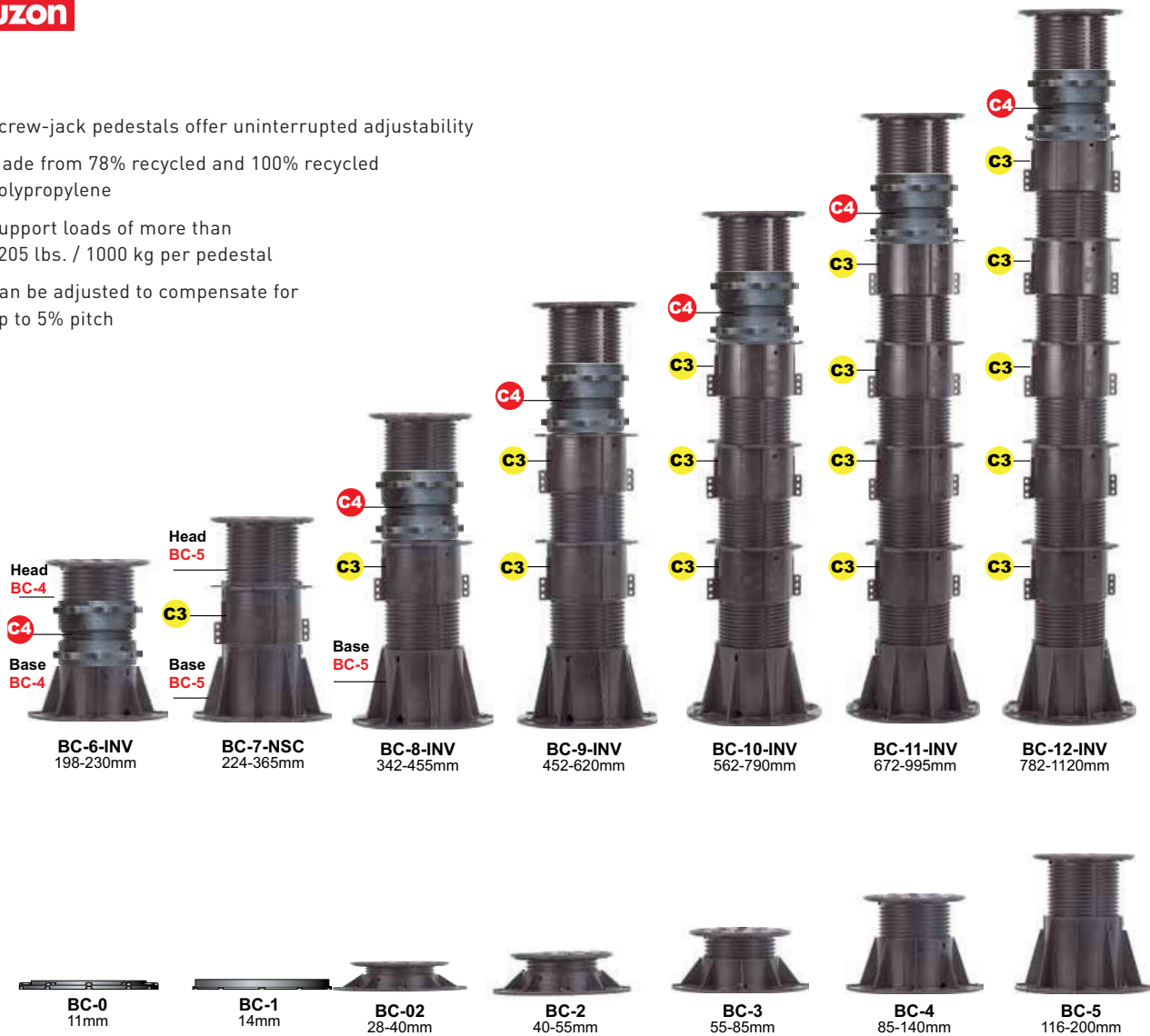
HIGH DEFINITION & DENSITY

Discover the adjustable height pedestals system

Buzon BC Series



- Screw-jack pedestals offer uninterrupted adjustability
- Made from 78% recycled and 100% recycled polypropylene
- Support loads of more than 2205 lbs. / 1000 kg per pedestal
- Can be adjusted to compensate for up to 5% pitch



ACCESSORIES



Blu Grande slab

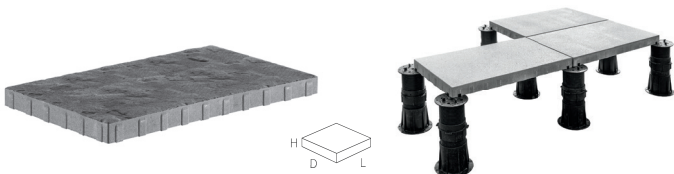
T

HD²



Slate - Chestnut Brown

TECHNICAL SPECIFICATIONS



SPECS	IMPERIAL	METRIC
Dlmentsions	2 ⅞ × 19 ⅛ × 32 ⅞ in*	60 x 495 x 825 mm*
Area per unit	4.4 ft²/unit	0.408 m²/unit
Weight per unit	118.8 lb/unit	53.9 kg/unit
Weight per area	27.0 lb/ft²	132 kg/m²

*Blu polished slab is 58 mm - 2 ⅜

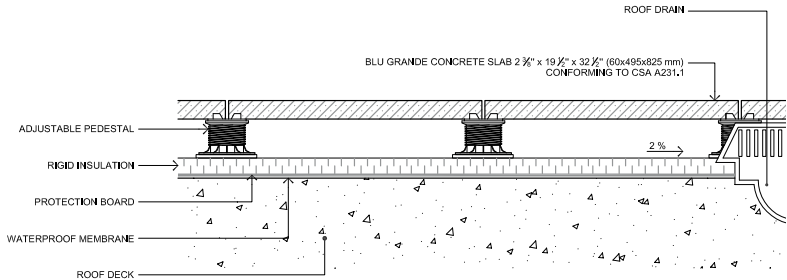
SOLAR REFLECTANCE









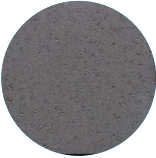
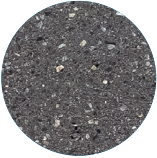


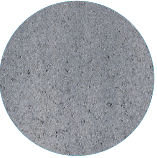










High SRI surfaces can help reduce the urban heat island that causes cities to stay warmer. Therefore, they contribute to reduced energy consumption and pollution.

COLOUR	SOLAR REFLECTANCE	SOLAR REFLEC-TANCE INDEX (SRI)
Beige cream	0.30	32
Champlain grey	0.23	25
Chestnut brown	0.23	25
Greyed nickel	0.32	35
Harvest gold	0.18	18
Mojave beige	0.26	29
Sandlewood	0.21	23
Shale grey	0.24	26

LOAD CAPACITY OF SLAB ON PEDESTAL SET ¹
Allowable load (safety factor of 2)
776 lb (352 kg)
Failure load
1553 lb (704 kg)

1-Maximum load applied in the center of the slab when supported by pedestals at each corner.



	Slate	HD ² Slate only in Eastern USA	HD ² Smooth only in Canada & Eastern USA	Smooth	Polished
Beige Cream					
Champlain Grey					
Greyed Nickel					
Onyx Black					
Shale Grey					
Chestnut Brown					
Sandlewood					
Mojave Beige					
Harvest Gold only available in Midwestern USA					

Industria slab

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❄

✂



Smooth - Greyed Nickel

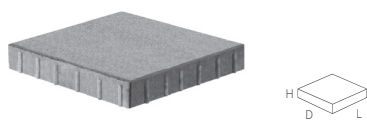
Smooth	Polished*	Granitex	
			Beige Cream
			Greyed Nickel
			Onyx Black
			Shale Grey min. order 2500 ft ²
			Chestnut Brown min. order 2500 ft ²

SOLAR REFLECTANCE

High SRI surfaces can help reduce the urban heat island that causes cities to stay warmer. Therefore, they contribute to reduced energy consumption and pollution.

COLOUR	SOLAR REFLECTANCE	SOLAR REFLECTANCE INDEX (SRI)
Grey	0.30	34
Greyed Nickel	0.32	35
Beige Cream	0.30	32

TECHNICAL SPECIFICATIONS



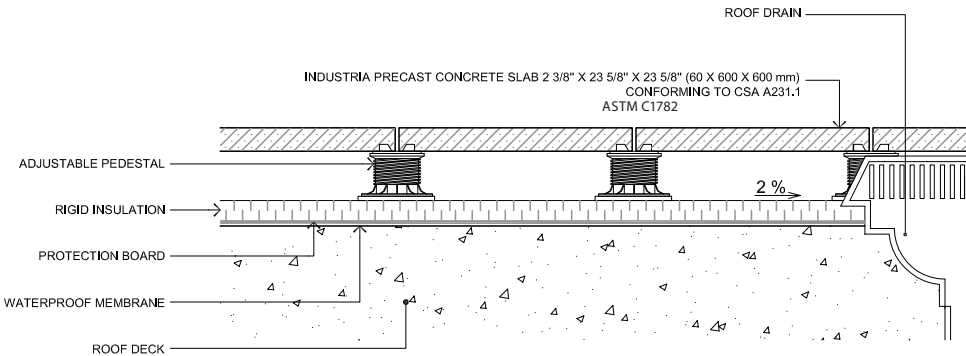
SPECS	IMPERIAL	METRIC
Dlmenions	2 3⁄8 × 23 5⁄8 × 23 5⁄8 in*	60 × 600 × 600 mm*
Area per unit	3.88 ft²/unit	0.36 m²/unit
Weight per unit	108.4 lb/unit	49.2 kg/unit
Weight per area	28.0 lb/ft²	136.7 kg/m²

*Industria slabs polished are 58 mm (2 3⁄16 in) thick.



LOAD CAPACITY OF SLAB ON PEDESTAL SET ¹	
Allowable load (safety factor of 2)	1441 lb (653 kg)
Failure load	2881 lb (1307 kg)

1-Maximum load applied in the center of the slab when supported by pedestals at each corner.



Ocean Grande slab

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HD²



Greyed Nickel



Beige Cream



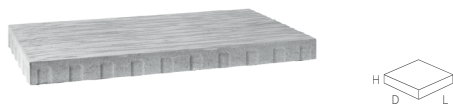
Greyed Nickel

SOLAR REFLECTANCE

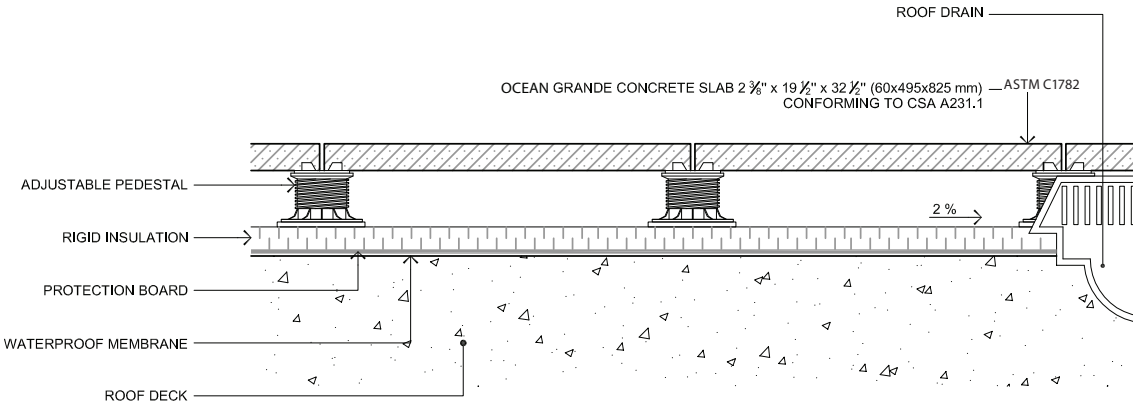
High SRI surfaces can help reduce the urban heat island that causes cities to stay warmer. Therefore, they contribute to reduced energy consumption and pollution.

COLOUR	SOLAR REFLECTANCE	SOLAR REFLECTANCE INDEX (SRI)
Beige cream	0.30	32
Greyed nickel	0.32	35

TECHNICAL SPECIFICATIONS



SPECS	IMPERIAL	METRIC
Dimensions	2 3⁄8" × 19 1⁄2" × 32 1⁄2" in	60 × 495 × 825 mm
Area per unit	4.4 ft²/unit	0.408 m²/unit
Weight per unit	118.8 lb/unit	53.9 kg/unit
Weight per area	27 lb/ft²	132 kg/m²



PORCELAIN OUTDOOR TILES



Summary of LEED® criterion for credits on heat island reduction applicable to paving products for non-roof and parking cover applications (minimum values):

			INITIAL	3-YEAR AGED
NON-ROOF APPLICATIONS	LEED 2009	Solar Reflectance Index (SRI)	29	-
	LEED v4	Solar reflectance	0.33	0.28
PARKING COVER APPLICATIONS	LEED 2009	Solar Reflectance Index (SRI)	29	-
	LEED v4	Solar Reflectance Index (SRI)	39	32

Solar reflectance and SRI values for Techo-Bloc landscaping products, as tested by independent testing laboratory:

COLOR	BLOCK Bianco	BLOCK Beige	BLOCK Grigio	SEASTONE Grey	TRUST Silver	TRUST Titanium	TRUST Gold
SWATCHES							
SOLAR REFLECTANCE INDEX (SRI)	65-70	35-40	35-40	30-35	40-45	20-25	60-65

THE STRENGTH OF 3/4" INCHES

THE ADVANTAGES OF LASTRA 20mm

The 24"x24", 3/4" thick, monocaliber and rectified porcelain slabs, have been designed for those looking for the perfect balance between technical functionality and aesthetic pleasing exterior landscaping finishes.

The excellent performance in terms of strength, resistance, reliability and safety are directly related to the higher density of the porcelain body and to the anti-slip surface finish, combined with the perfect look of Atlas Concorde porcelain stoneware and its ease of installation.

- HIGH BREAKAGE LOAD (more than 2,200 lbs per slab);
- HIGH BREAKING STRENGTH (more than 9,000 psi) AND COMPRESSIVE STRENGTH (more than 42,000 psi)
- NONABSORBENT (<0.1% - COMPLIANT WITH ASTM C373);
- EXCELLENT ANTI-SLIP FEATURES (DCOF > 0.42, SCOF > 0.6 DRY&WET);
- FROST-PROOF AND RESISTANT TO THERMAL SHOCK (COMPLIANT WITH ASTM C484);
- RESISTANT TO SALTS, MOULD AND PESTICIDES;

- EASY TO INSTALL
- IT ALLOWS FOR A CONTINUOUS TRANSITION FROM INDOOR TO OUTDOOR SPACES;
- EASY TO CLEAN EVEN WITH PRESSURE WASHER MACHINES;



Block 600 x 600

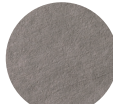
SPECS	IMPERIAL	METRIC
Actual size	$\frac{3}{4} \times 23 \frac{7}{16} \times 23 \frac{7}{16}$ in	20 × 595 × 595 mm
Coverage: box/pallet	7.75 / 232.5 ft ²	0.72 / 21.6 m ²
Weight: box/pallet	72.75 / 2183 lbs	33 / 990 kg
Units: box/pallet	2/60	2/60



BIANCO



BEIGE

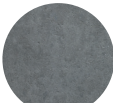


GRIGIO



Seastone 600 x 600

SPECS	IMPERIAL	METRIC
Actual size	$\frac{3}{4} \times 23 \frac{7}{16} \times 23 \frac{7}{16}$ in	20 × 595 × 595 mm
Coverage: box/pallet	7.75 / 232.5 ft ²	0.72 / 21.6 m ²
Weight: box/pallet	72.75 / 2183 lbs	33 / 990 kg
Units: box/pallet	2/60	2/60



GREY

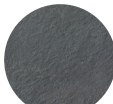


Trust 600 x 600

SPECS	IMPERIAL	METRIC
Actual size	$\frac{3}{4} \times 23 \frac{7}{16} \times 23 \frac{7}{16}$ in	20 × 595 × 595 mm
Coverage: box/pallet	7.75 / 232.5 ft ²	0.72 / 21.6 m ²
Weight: box/pallet	72.75 / 2183 lbs	33 / 990 kg
Units: box/pallet	2/60	2/60



SILVER



TITANIUM



GOLD





USA

PENNSYLVANIA

852 W. Pennsylvania Avenue,
Pen Argyl, PA 18072

PENNSYLVANIA

23 Quarry Road,
Douglassville, PA 19518

MASSACHUSETTS

70 East Brookfield Rd.,
North Brookfield, MA 01535

NORTH CAROLINA

5135 Surret Drive,
Archdale, NC 27263

OHIO

97 Industrial Street,
Rittman, OH 44270

ILLINOIS

8201, 31st Street West,
Rock Island, IL 61201

ILLINOIS

24312 W. Riverside Dr.,
Channahon, IL 60410

INDIANA

2397 County Road 27,
Waterloo, IN 46793

NEW YORK

55-65 South 4th Street,
Bay Shore, NY 11706

CANADA

MONTREAL

5255 Albert-Millichamp Street,
Saint-Hubert, QC J3Y 8Z8

OTTAWA

6310 Hazeldean Road - P.O. Box 1791,
Stittsville, ON K2S 1B4

OTTAWA

3455 Hawthorne Road,
Ottawa, ON K1G 4G2

TORONTO

10 Freshway Drive,
Vaughan, ON L4K 1S3

TORONTO

1050 Industrial Road,
Ayr, ON N0B 1E0

- DE-ICING SALT RESISTANT
- STRENGTH & DURABILITY
- TRANSFERABLE LIFETIME WARRANTY
- COLOR THROUGH & THROUGH

TOLL FREE:

1.877.832.4625

WWW.TECHO-BLOC.COM

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