

# due 2

20 mm thick  
Through body porcelain

BORN TO BE OUTDOORS  
ANTISLIP  
WEAR RESISTANT  
HIGHLY RESISTANT TO HEAVY LOADS  
QUICK AND EASY INSTALLATION  
REMOVABLE



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# What is due2?

**due2** is the 20 mm thick porcelain stoneware by Del Conca USA, the right solution for any type of outdoor flooring. **due2** is hard-wearing, anti-slip, weather resistant and capable of withstanding heavy loads without compromising aesthetics.

Del Conca USA offers corresponding or compatible porcelain tiles made in standard thickness so you can match outdoor with indoor décor.

**due2** was created for quick and easy dry installations on grass, sand and gravel. It can also be used for raised flooring installations that are perfectly level, suitable for terraces and rooftops, allowing rainwater to flow below the floor where it is collected on a waterproof membrane. This installation creates an accessible cavity for utilities and could also improve the thermal insulation of the building.

**due2** can be installed with adhesive for a floor extremely resistant to heavy loads.

**due2** comes in a variety of styles and has several special pieces to match, such as steps and pool coping.





A matching or compatible version for interiors is available on series included in the **due2** line.

# Why to choose **due2**



FROST RESISTANT



COLORS DO NOT FADE OVER TIME



RESISTANT TO SUDDEN TEMPERATURE CHANGES



RESISTANT TO ACID, CHEMICALS, SALT, ETC.



RESISTANT TO DAMAGE FROM MOULD AND MOSS



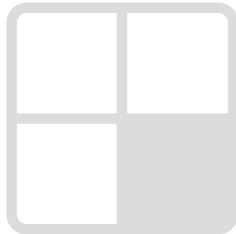
EASY TO CLEAN



QUICK AND EASY TO INSTALL



EASY TO REMOVE



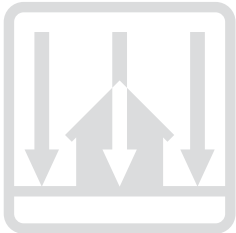
REUSABLE



READILY SERVICEABLE



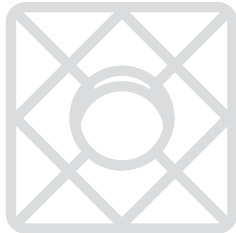
INSTALLATION WITH ADHESIVE POSSIBLE



MATCHES INTERIOR FLOORING



ANTISLIP



SPECIAL MATCHING PIECES



HIGHLY RESISTANT TO LOADS



ALLOWS WATER DRAINAGE



SUITABLE FOR RAISED INSTALLATIONS



EXTREMELY LONG-LASTING



WIDE RANGE OF FINISHES



IMPERVIOUS



# Installation systems

Installation on grass

Installation on sand

Installation on screed  
Highly resistant to loads

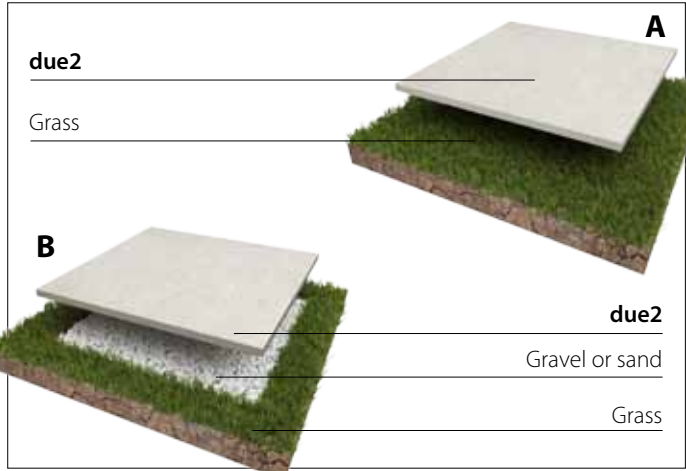
Raised installation

Installation on gravel



# Lay-on installation

## Installation on grass



Installation on grass can be performed in two ways:

- A) Direct:** set the tile on grass leaving 1 1/2 - 2 inches wide joints to allow the grass to grow. Results will be long lasting but stability will be subject to soil movements.
- B) On gravel base:**
- remove the grass from the area underneath **due2**
  - dig 2 inch deep in warm and dry climate, or deeper in cold or wet climates.
  - compact the soil.
  - fill the excavated area with gravel (size 1/6 - 1/3 inch) or sand and compact it.
  - dry set **due2**

## Installation on sand



Installation on sand can be performed directly:

- level and compact the sand
- dry set **due2**

## Installation on gravel



Recommended for larger areas, for installation with thin joints or joints without grass.

- Excavate the soil at least 4 inch deep in warm and dry climate, or deeper in cold or wet climates.
- Compact the soil at the bottom and ensure it is sloped ( $\geq 2\%$ ) to avoid stagnation of water.
- Optional - place a layer of geotextile to keep the gravel from sinking into the soil.
- Place and compact a layer of crushed stone or gravel (size 1/6 - 1/3 inch).
- Optional - place a layer of geotextile to separate aggregates.
- Place and compact a layer of fine gravel or sand (size 1/12 - 1/5 inch) to ease the leveling of the surface.
- Ensure the surface is level using a straightedge. A slight slope ( $\geq 1\%$ ) is recommended to ensure proper drainage of the floor.
- Dry set **due2** leaving joints at least 1/8 inch wide. Tile spacers can be used to facilitate installation. Ensure the floor is level with a straightedge and use a rubber hammer to correct small differences in height.
- Fill the joints with very fine sand (size 0 - 1/8 inch) or polymeric sand.

## Installation on concrete slab



Installation with thin set on concrete slab recommended for areas open to vehicular traffic or subject to very high stress: leave joints at least 1/8 inch wide and respect expansion joints.

- To install on concrete slab on ground:
- complete the digging and compact the soil
  - Place a layer of crushed stone or gravel
  - Place the slab including optional steel mesh
  - Install **due2** with exterior-rated elastic adhesive

The stratigraphy considered is solely indicative of the various types of application: we recommend referring to local regulations in order to achieve a correct installation.







# Raised installation

On terraces or rooftops, it is possible to build a level raised floor that allows rainwater drainage. After the slab and its sloping screed are complete, install the waterproofing membrane. Position the pedestals, if necessary use the slope correctors. During the installation, adjust each pedestal to achieve a level floor.

## How to cut it

To cut due2, it is necessary to use discs designed for Porcelain Stoneware, available for both dry and wet cutting.



Pre-cut tabs for easy removal.

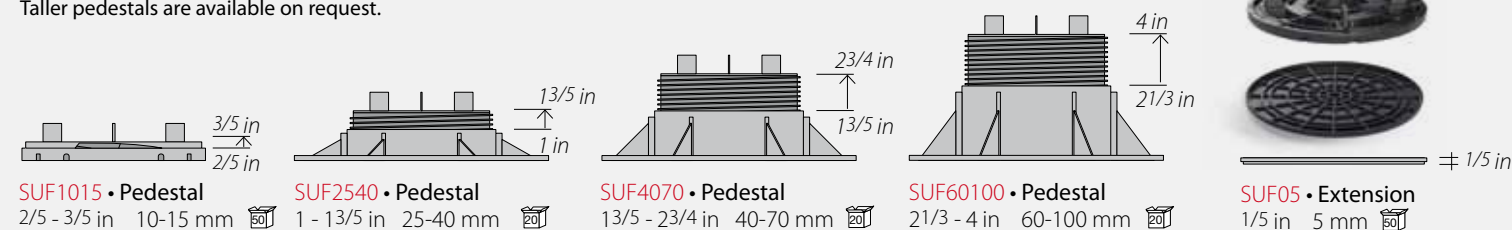
Reinforced adjustment key.

Bi-material head (PP + rubber) anti-noise and anti-slip.

The self-levelling head allows it to automatically compensate any gradient up to 5%

## Adjustable pedestals with fixed head

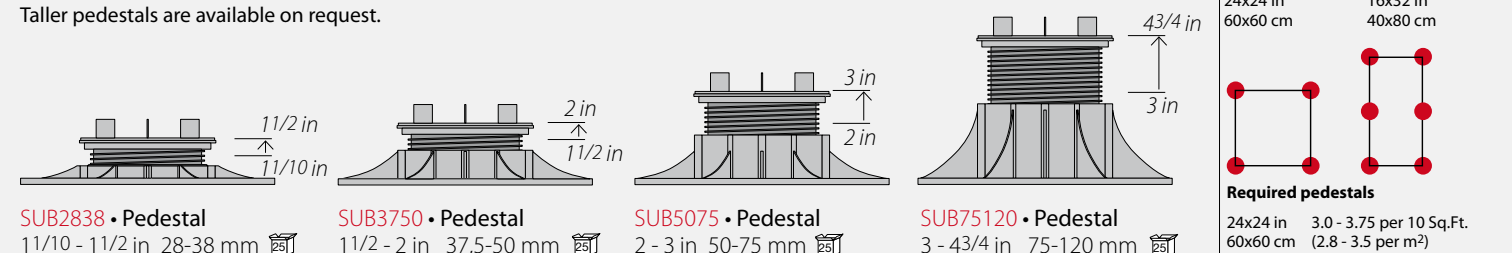
Taller pedestals are available on request.



**PEDESTALS LOAD BEARING DETAILS** Operating load = 2204 lbs. (1000 kg) each. Breaking load > 4409 lbs. (2000 kg) each.

## Adjustable pedestals with self-levelling head

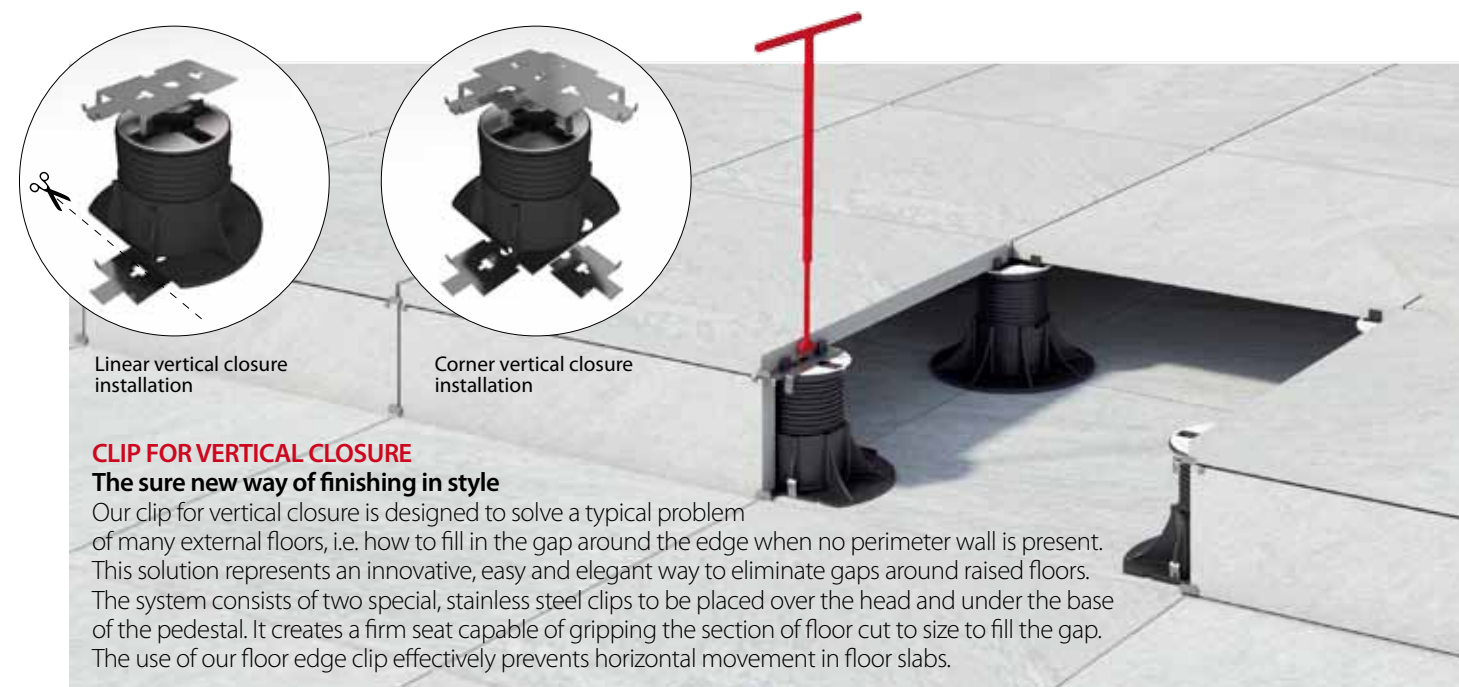
Taller pedestals are available on request.



**PEDESTALS LOAD BEARING DETAILS** Operating load = 1102 lbs. (500 kg) each. Breaking load > 2204 lbs. (1000 kg) each.

**THE WORLD'S FIRST AND ONLY PEDESTAL TO BE EQUIPPED WITH A HEAD FINISHED IN RUBBER THAT'S CAPABLE OF REDUCING NOISE LEVELS TO AS LITTLE AS 25 db**

The stratigraphy considered is solely indicative of the various types of application: we recommend referring to local regulations in order to achieve a correct installation.

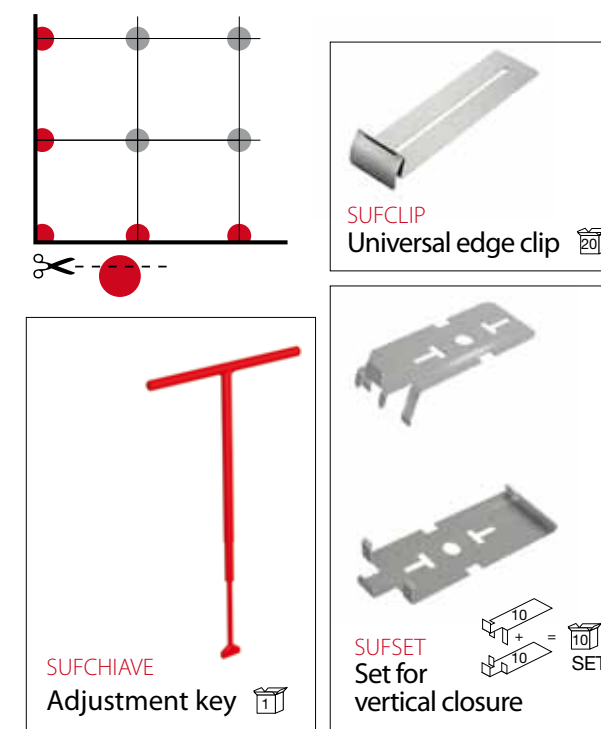


## UNIVERSAL EDGE CLIP

**The perfect join: attractive and functional**

Designed to avoid contact between the slabs of outdoor raised floors and outside walls, the universal edge clip is made entirely from stainless steel. It incorporates a damper to absorb longitudinal and transverse thermal expansion and guarantees a secure grip. Use of these clips ensures a stable floor surface with a straight and elegant perimeter.

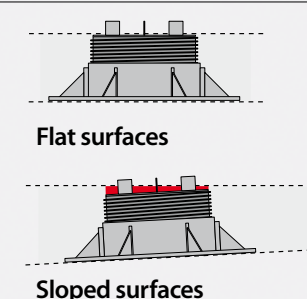
## Raised installation next to a wall



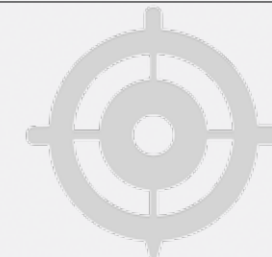
## Raised installation with Slope regulators



For a proper water outflow we suggest to lay with 1% minimum slope



## Slope regulator



**SUFPC100**  
1%

For slopes over 1%, two or more slope regulators can be piled up on each other.

Download the technical instruction in DWG/PDF format from [www.delconcausa.com](http://www.delconcausa.com)



# Why Natural Edges?

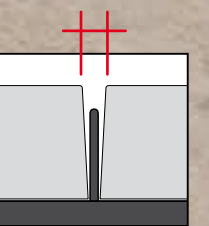
*Walk safe with the natural edges!*

Natural edges are preferred.

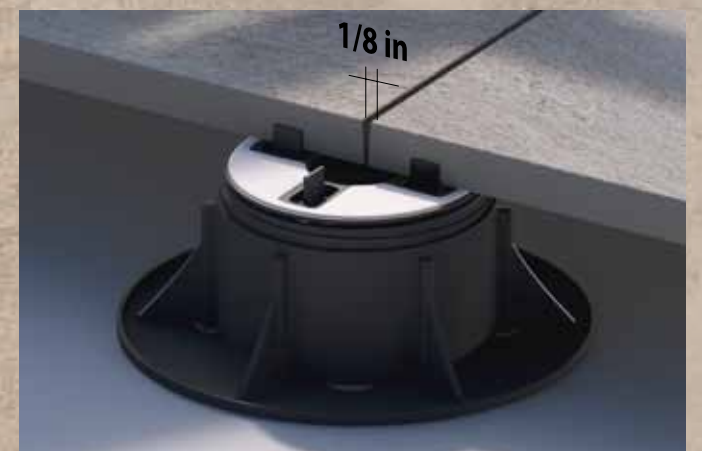
Outdoor spaces must be lived freely, and **due2** with natural edges provides a comfortable edge to walk on barefoot, without affecting the aesthetic appearance; it is also more resistant to shocks on the edges during handling and installation.

Natural edges allow for joints as thin as 1/8 inch.

1/8 in  
3 mm



RAISED INSTALLATION  
NATURAL EDGES







# due 2

*A wide range of 20 mm thick products  
with matching or compatible version for interiors.*









SOAO10 • HAO210 BIANCO  
16x32 in - 40x80 cm

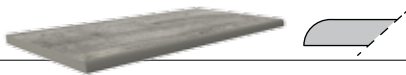
SOAO05 • HAO205 GRAY  
16x32 in - 40x80 cm

SOAO03 • HAO203 NATURAL  
16x32 in - 40x80 cm

Special Pieces



SOAO10G • Step / HAO210 BIANCO  
16x32 in - 40x80 cm



SOAO05G • Step / HAO205 GRAY  
16x32 in - 40x80 cm



SOAO03G • Step / HAO203 NATURAL  
16x32 in - 40x80 cm



SOAO10C • Pool Coping with  
full round edge / HAO210 BIANCO  
16x32 in - 40x80 cm



SOAO05C • Pool Coping with  
full round edge / HAO205 GRAY  
16x32 in - 40x80 cm



SOAO03C • Pool Coping with  
full round edge / HAO203 NATURAL  
16x32 in - 40x80 cm

PACKAGING 16x32 in	
Pcs.	78
Sq.Ft.	268.71
Lbs.	2500.00



Pallet

SHADE VARIATION			
LOW	MODERATE	HIGH	RANDOM



SOAO03 HAO 203 NATURAL

THICKNESS	FREEZE / THAW	WATER ABSORPTION	RECOMMENDED USE	CHEMICAL / STAIN RESISTANCE	BREAKING STRENGTH	SLIP RESISTANCE
0.79 in 20 mm	RESISTANT ASTM C 1026	~0,1% ASTM C 373		Class: A ASTM C 650 Class: A ASTM C 1378	≥3400 lbs. ASTM C 648	≥0.60 ANSI 137.1 (DCOF)





S9GO01 • HGO201 BEIGE  
24x24 in 60x60 cm



S9GO05 • HGO205 GRAY  
24x24 in 60x60 cm



S9GO08 • HGO208 NERO  
24x24 in 60x60 cm

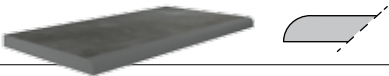
Special Pieces



S8GO01G • Step / HGO201 BEIGE  
12x24 in 30x60 cm



S8GO05G • Step / HGO205 GRAY  
12x24 in 30x60 cm



S8GO08G • Step / HGO208 NERO  
12x24 in 30x60 cm



S8GO01C • Pool Coping with full round edge / HGO201 BEIGE  
12x24 in 30x60 cm



S8GO05C • Pool Coping with full round edge / HGO205 GRAY  
12x24 in 30x60 cm



S8GO08C • Pool Coping with full round edge / HGO208 NERO  
12x24 in 30x60 cm



PACKAGING 24x24 in

Pcs.	66
Sq.Ft.	255.75
Lbs.	2380.00

SHADE VARIATION

LOW	MODERATE	HIGH	RANDOM



THICKNESS  
0.79 in  
20 mm



FREEZE / THAW  
**RESISTANT**  
ASTM C 1026



WATER ABSORPTION  
~0,1%  
ASTM C 373



RECOMMENDED USE



CHEMICAL / STAIN RESISTANCE  
**Class: A**  
ASTM C 650  
**Class: A**  
ASTM C 1378



BREAKING STRENGHT  
**≥3400 lbs.**  
ASTM C 648



SLIP RESISTANCE  
**≥0.60**  
ANSI 137.1 (DCOF)



# LA SCAIA<sup>2</sup>



**SOLS01** HLS201 BEIGE  
16x32 in 40x80 cm

**SOLS09** HLS209 NOCE  
16x32 in 40x80 cm

**SOLS05** HLS205 GRAY  
16x32 in 40x80 cm

### Special Pieces



**SOLS01G** • Step / HLS201 BEIGE  
16x32 in - 40x80 cm



**SOLS09G** • Step / HLS209 NOCE  
16x32 in - 40x80 cm



**SOLS05G** • Step / HLS205 GRAY  
16x32 in - 40x80 cm



**SOLS01C** • Pool Coping with full round edge / HLS201 BEIGE  
16x32 in - 40x80 cm



**SOLS09C** • Pool Coping with full round edge / HLS209 NOCE  
16x32 in - 40x80 cm

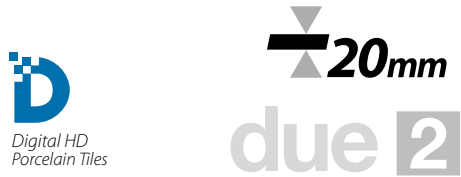


**SOLS05C** • Pool Coping with full round edge / HLS205 GRAY  
16x32 in - 40x80 cm

PACKAGING 16x32 in	
Pcs.	78
Sq.Ft.	268.71
Lbs.	2500.00



SHADE VARIATION			
LOW	MODERATE	HIGH	RANDOM



SOLS09 HLS 209 NOCE

THICKNESS	FREEZE / THAW	WATER ABSORPTION	RECOMMENDED USE	CHEMICAL / STAIN RESISTANCE	BREAKING STRENGHT	SLIP RESISTANCE
0.79 in 20 mm	RESISTANT ASTM C 1026	~0,1% ASTM C 373		<b>Class: A</b> ASTM C 650 <b>Class: A</b> ASTM C 1378	≥3400 lbs. ASTM C 648	≥0.60 ANSI 137.1 (DCOF)



TRAVSTONE <sup>2</sup>



S9TS01 • HTS201 BEIGE  
24x24 in 60x60 cm

Special Pieces



S8TS01G • Step / HTS201 BEIGE  
12x24 in 30x60 cm



S8TS01C • Pool Coping with full round edge / HTS201 BEIGE  
12x24 in 30x60 cm



PACKAGING 24x24 in	
Pcs.	66
Sq.Ft.	255.75
Lbs.	2380.00



SHADE VARIATION			
LOW	MODERATE	HIGH	RANDOM

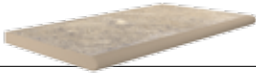


S9TS09 • HTS209 NOCE  
24x24 in 60x60 cm

Special Pieces



S8TS09G • Step / HTS209 NOCE  
12x24 in 30x60 cm



S8TS09C • Pool Coping with full round edge / HTS209 NOCE  
12x24 in 30x60 cm



THICKNESS	FREEZE / THAW	WATER ABSORPTION	RECOMMENDED USE	CHEMICAL / STAIN RESISTANCE	BREAKING STRENGHT	SLIP RESISTANCE
0.79 in 20 mm	RESISTANT ASTM C 1026	~0,1% ASTM C 373		Class: A ASTM C 650 Class: A ASTM C 1378	≥3400 lbs. ASTM C 648	≥0.60 ANSI 137.1 (DCOF)



# WEST 57TH<sup>2</sup>



S9WS10 • HWS210 BIANCO  
24x24 in 60x60 cm



S9WS01 • HWS201 BEIGE  
24x24 in 60x60 cm



S9WS05 • HWS205 GRAY  
24x24 in 60x60 cm

## Special Pieces



S8WS10G • Step / HWS210 BIANCO  
12x24 in 30x60 cm



S8WS01G • Step / HWS201 BEIGE  
12x24 in 30x60 cm



S8WS05G • Step / HWS205 GRAY  
12x24 in 30x60 cm



S8WS10C • Pool Coping with  
full round edge / HWS210 BIANCO  
12x24 in 30x60 cm



S8WS01C • Pool Coping with  
full round edge / HWS201 BEIGE  
12x24 in 30x60 cm



S8WS05C • Pool Coping with  
full round edge / HWS205 GRAY  
12x24 in 30x60 cm

PACKAGING 24x24 in	
Pcs.	66
Sq.Ft.	255.75
Lbs.	2380.00



SHADE VARIATION			
LOW	MODERATE	HIGH	RANDOM



S9WS05 HWS 205 GRAY

THICKNESS	FREEZE / THAW	WATER ABSORPTION	RECOMMENDED USE	CHEMICAL / STAIN RESISTANCE	BREAKING STRENGTH	SLIP RESISTANCE
0.79 in 20 mm	RESISTANT ASTM C 1026	~0,1% ASTM C 373		Class: A ASTM C 650 Class: A ASTM C 1378	≥3400 lbs. ASTM C 648	≥0.60 ANSI 137.1 (DCOF)





SDDL01 • HDL201  
16x48 in 40x120 cm



SDDL05 • HDL205  
16x48 in 40x120 cm



SDDL09 • HDL209  
16x48 in 40x120 cm



SDDL03 • HDL203  
16x48 in 40x120 cm

Special Pieces



SDDL01G • Step / HDL201  
16x48 in 40x120 cm



SDDL05G • Step / HDL205  
16x48 in 40x120 cm



SDDL09G • Step / HDL209  
16x48 in 40x120 cm



SDDL03G • Step / HDL203  
16x48 in 40x120 cm



SDDL01C • Pool Coping with full round edge / HDL201  
16x48 in 40x120 cm





SDDL05C • Pool Coping with full round edge / HDL205  
16x48 in 40x120 cm

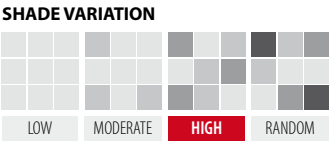


SDDL09C • Pool Coping with full round edge / HDL209  
16x48 in 40x120 cm











SDDL03C • Pool Coping with full round edge / HDL203  
16x48 in 40x120 cm

	PACKAGE	16x48 in
 Box	Pieces	1
	Sq.Ft.	5.10
	Lbs.	47.49
 Europallet	Boxes	54
	Sq.Ft.	279.00
	Lbs.	2608.00



Outdoor: SDDL01 HDL 201

						
THICKNESS	FREEZE / THAW	WATER ABSORPTION	RECOMMENDED USE	CHEMICAL/STAIN RESISTANCE	BREAKING STRENGHT	SLIP RESISTANCE
0.79 in 20 mm	RESISTANT ISO 10545.12	~0,1% ISO 10545.3		GA UNI EN ISO 10545.13 5 UNI EN ISO 10545.14	~50 N/mm <sup>2</sup> EN 14411 B1a	≥0,60 ANSI 137.1 (DCOF)



# EPOKAL<sup>2</sup>



SOEK01  
HEK201  
16x32 in - 40x80 cm

SOEK05  
HEK205  
16x32 in - 40x80 cm

SOEK11  
HEK211  
16x32 in - 40x80 cm

### Special Pieces



SOEK01G • Step / HEK201  
16x32 in - 40x80 cm



SOEK05G • Step / HEK205  
16x32 in - 40x80 cm



SOEK11G • Step / HEK211  
16x32 in - 40x80 cm





SOEK01C • Pool Coping with  
full round edge / HEK201  
16x32 in - 40x80 cm

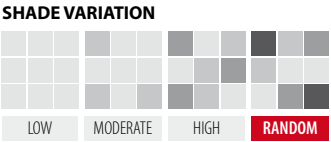


SOEK05C • Pool Coping with  
full round edge / HEK205  
16x32 in - 40x80 cm











SOEK11C • Pool Coping with  
full round edge / HEK211  
16x32 in - 40x80 cm

	PACKAGE	16x32 in
 Box	Pieces	2
	Sq.Ft.	6.89
	Lbs.	62.00
 Europallet	Boxes	24
	Sq.Ft.	165.30
	Lbs.	1534.00



Outdoor: SOEK05 HEK 205

 THICKNESS	 FREEZE / THAW	 WATER ABSORPTION	 RECOMMENDED USE	 CHEMICAL/STAIN RESISTANCE	 BREAKING STRENGHT	 SLIP RESISTANCE
0.79 in 20 mm	RESISTANT ISO 10545.12	~0,1% ISO 10545.3		GA UNI EN ISO 10545.13 5 UNI EN ISO 10545.14	~50 N/mm <sup>2</sup> EN 14411 B1a	≥0,60 ANSI 137.1 (DCOF)



# Cleaning and maintenance

due2 can be cleaned with almost any detergent as it is extremely dense and weather resistant.

However, we recommend simply using a mild detergent and a water jet. For greater convenience and to avoid formation of limescale deposits, we recommend facilitating drainage with a rubber brush.







**Del Conca USA, Inc.**

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