

P L N E

LARGE PORCELAIN PANELS



 **F.A.C.T.**
FACTORY ADVANCED COMPREHENSIVE TRAINING

STONEPEAK

high tech porcelain

www.stonepeakceramics.com

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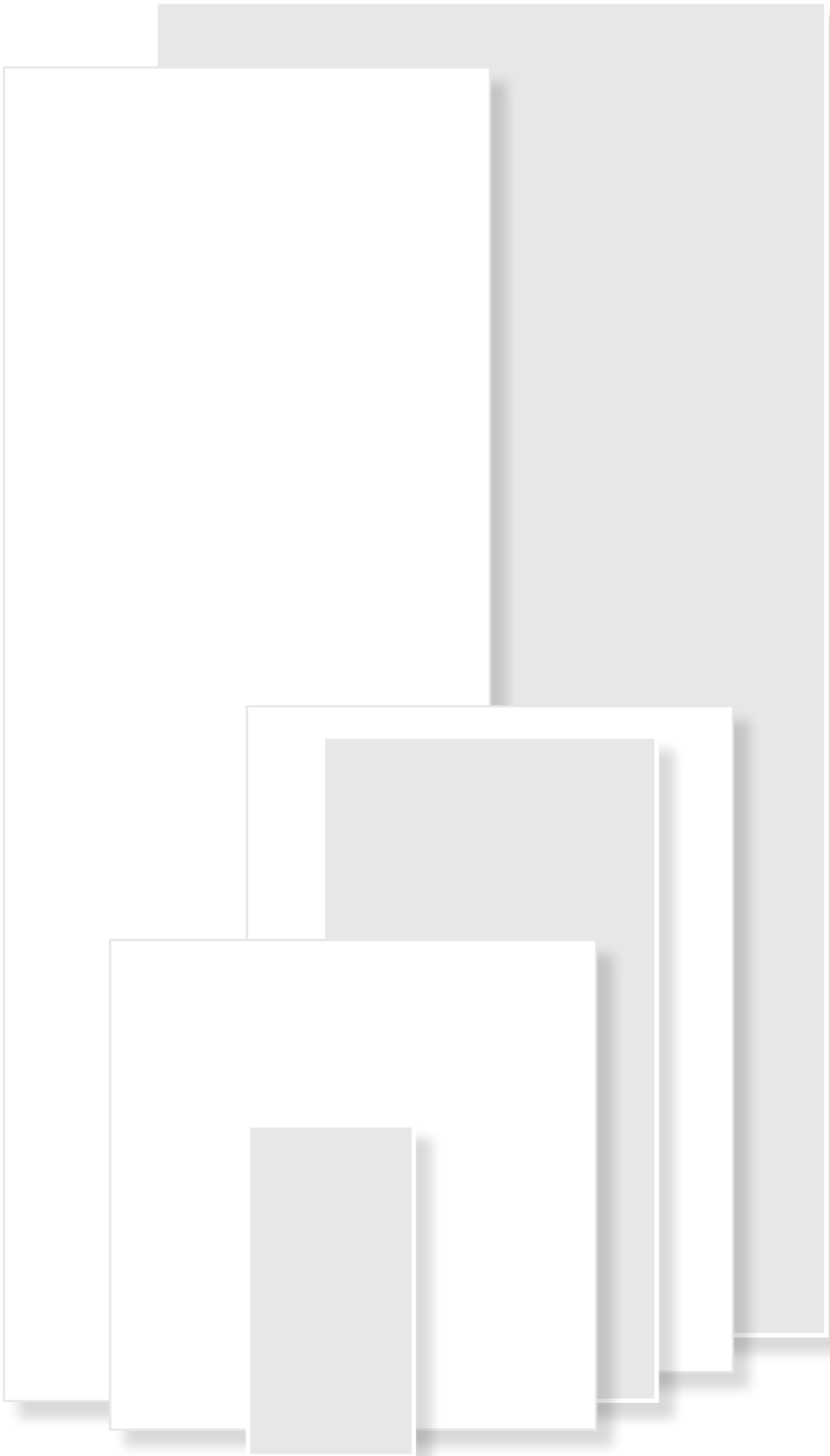
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P L N E

LARGE PORCELAIN PANELS

StonePeak leads the way forward with a new generation of panels. Through concentrated research and ongoing innovative experience, we have patented the first 5 ft. x 10 ft. large porcelain panel of its kind.

A new formulation and composition of raw materials allows for a 6 mm, full-body, light weight panel with no fiberglass back netting. State-of-the-art technology provides the durable, technical characteristics of porcelain with the aesthetic beauty of a natural slab of quarried stone or stained concrete.

This breakthrough panel gives a fresh look to continuous surfaces, providing a potential endless array of uses for residential, commercial, floor, wall cladding, interior, and exterior applications.

S T O N E P E  K
high tech porcelain





WALL

FLOOR





OLD



NEW

shown is 5'x10' Silver Plane replacing old 2"x2" tile for a fresh new installation appearance

P L A N E
LARGE PORCELAIN PANELS

COMPARISON CHART

Characteristics:	StonePeak Plane Panels	Quartz Surface	Granite	Marble Concrete	Stain Concrete	Laminate
Scratch Resistant	***	***	***	**	*	**
Stain Resistant	***	***	**	*	*	***
Crack Resistant	***	***	**	*	*	**
Heat and Burn Resistant	***	**	**	**	**	**
Resistant to Many Household Chemicals, Acids and Solvents	***	***	**	**	*	**
Low Maintenance	***	***	**	**	*	**
Nonabsorbent and Nonporous	***	***	**	**	*	**
Mold and Mildew Resistant	***	***	**	*	**	**
Flexural Strength	***	***	*	*	*	*
Color Consistency	***	***	*	*	**	***
Immunity to Freeze and Thaw	***	***	***	*	*	*

key: *** Excellent | ** Good | * Fair

NEXT GENERATION OF PANELS

TECHNICAL FEATURES

- ✓ FLEXIBLE
- ✓ ABUSE RESISTANT
- ✓ HEAT PROOF
- ✓ FROST PROOF
- ✓ MOLD RESISTANT
- ✓ ENERGY EFFICIENT
- ✓ NO VOCs
- ✓ NO ARTIFICIAL BINDERS
- ✓ CRACK RESISTANT
- ✓ FLAME RESISTANT

USES

- ✓ FLOORS
- ✓ WALLS
- ✓ INTERIORS
- ✓ EXTERIORS
- ✓ COUNTERTOPS
- ✓ VENEERS
- ✓ PARTITIONS

SIZES

THICKNESS

5'x10'	10mm (approx. 3/8")
5'x10'	6mm (approx. 1/4")
5'x5'	6mm (approx. 1/4")
2.5'x5'	6mm (approx. 1/4")
2.5'x2.5'	6mm (approx. 1/4")
1.25'x2.5'	6mm (approx. 1/4")

PANELS MADE FOR FLOOR APPLICATION

ASTM C627
Robinson Floor Test
classified as "EXTRA HEAVY"

SEAMLESS WALL AND FLOOR PANELS



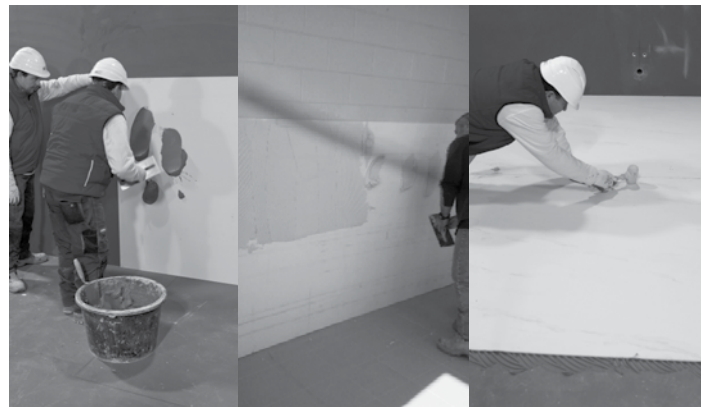
Shipping



Cutting and holes



Manipulation



Installation

F.A.C.T., Factory Advanced Comprehensive Training

Please contact:
FACT@stonepeakceramics.com for further information and to participate in a training session.



UTILIZATION EXAMPLES:



EXTERIORS



INTERIORS



COUNTERTOPS

F.A.C.T., Factory Advanced Comprehensive Training, is implemented in our Tennessee manufacturing facility by experts knowledgeable with large porcelain panels. Following procedural training course activities and successful completion of F.A.C.T. testing, participants are ready to confidently begin installing panels now possessing the technical aspects and hands on experience this “one of a kind” training offers.

Please contact **FACT@stonepeakceramics.com** for further information and to participate in a training session.



P L  N E

LARGE PORCELAIN PANELS

Quality Assurance Certificate

Congratulations on purchasing exquisite large porcelain panels,

P L  N E by StonePeak.

These innovative large porcelain panels with state-of-the-art technology provide the aesthetics of a beautiful marble or stone, but contain the durability of porcelain.

For these reasons and your investment, we educate and train installers throughout the nation at our Large Porcelain Panel Training Center in our manufacturing facility to properly handle, fabricate, and install these panels.

A factory trained installer is highly recommended for installation. Please ask your retailer for a list of certified contractors.



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INTRODUCTION

The purpose of this manual is to define basic technical requirements and provide suggestions and guidelines related to the introduction of StonePeak's large porcelain panels in regard to design, usage, installation and maintenance.

PRODUCT DESCRIPTION – THE INNOVATION

StonePeak large porcelain panels consist of a new formulation and composition of raw materials, which allows for a light weight, full-body panel with no fiberglass back netting offered in up to a 5'x10' size. These state-of-the-art panels are made of 100% natural minerals, and do not use any tints or polymers to create the various colors offered. Like all StonePeak products, they are manufactured utilizing key elements including Quartz, Clays, Kaolin, and Feldspar.

This innovative product gives a fresh look to continuous surfaces, providing a potentially endless array of uses for residential, commercial, floor, wall cladding, interior, and exterior applications.

VARIOUS APPLICATIONS OF STONEPEAK LARGE PORCELAIN PANELS

StonePeak large porcelain panels are ideal for use of interior and exterior applications such as: wall cladding, floors, stairs, partitions, kitchen countertops, bathroom vanities, exterior facades, and also wherever high quality, sanitary and low maintenance surfaces are required.

StonePeak large porcelain panels offer many advantages:

- Flexibility
- Resistance to heat
- Resistance to frost
- Resistance to mold
- Resistance to stain
- Energy efficient
- Continuous surfaces with minimal grout lines
- Washable, non-absorbent solid surfaces
- No VOCs
- No artificial binders

TECHNICAL SPECIFICATIONS


StonePeak large porcelain panels use state-of-the-art technology which provides the durable technical characteristics of porcelain with the aesthetic beauty of a natural panel of quarried stone, stained concrete, or weathered metal. Technically superior to a terrazzo, carpet, and VCT floor, this unique product brings porcelain tile to a new level of end user.

1. DIMENSIONS

StonePeak large porcelain panels can be manufactured in a wide range of sizes to accommodate any application.

Plane Collection Standard Sizes

(± 6mm; nominal sizes/actual sizes listed are based on caliber 0):

NOMINAL		ACTUAL
150x300cm = 5'x10' (60"x120")		
150x300cm = 5'x10' (60"x120")		= 118 3/16" x 59 1/16" (+/- 31/32")
150x150cm = 5'x5' (60"x60")		= 59 1/16" x 59 1/16" (+/- 31/32")
		= 59 1/16" x 29 1/2" (+/- 31/32")
75x150cm = 2.5'x5' (30"x60")		= 29 1/2" x 29 1/2" (+/- 51/64")
75x75cm = 2.5'x2.5' (30"x30")		= 29 1/2" x 14 45/64" (+/- 51/64")
37.5x75cm = 1.25'x2.5' (15"x30")		

Panels are rectified and allow installations with a tighter grout joint. Rectification is achieved by utilizing a new technology that is even more precise than traditional rectified porcelain products.

2. VARIATION & COLOR CONSISTENCY

Slight variation in color may occur from batch to batch of production due to the location from which the natural materials are sourced. To ensure absolute uniformity, please consider ordering extra material for overstock and repairs.

3. ABSORPTION

StonePeak large porcelain panels are nonporous with water absorption of less than 0.5%. No sealants are recommended for these products as they will not penetrate the surface of the material.

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PLANE

ZEBRINO MICHELANGELO



USSP12060207
ZEBRINO MICHELANGELO 60"x120" - 5'x10' POLISHED



USSP6060207
ZEBRINO MICHELANGELO 60"x60" - 5'x5' POLISHED



USSP3060207
ZEBRINO MICHELANGELO 30"x60" - 2.5'x5' POLISHED



USSP3030207
ZEBRINO MICHELANGELO 30"x30" - 2.5'x2.5' POLISHED



USSP3015207
ZEBRINO MICHELANGELO 15"x30" - 1.25'x2.5' POLISHED





PLANE CALACATTA VENA A B

Description: A & B are “book match” faces which can be used side by side for a continuous vein effect.



USH12060088
CALACATTA VENA PLANE A 60”x120” - 5’x10’ HONED
USSP12060088
CALACATTA VENA PLANE A 60”x120” - 5’x10’ POLISHED
USH12060089
CALACATTA VENA PLANE B 60”x120” - 5’x10’ HONED
USSP12060089
CALACATTA VENA PLANE B 60”x120” - 5’x10’ POLISHED



PLANE CALACATTA VENA CLASSICO

Description: Classico contains four various faces with simultaneous vein effect A,B,C,D face options available by shade for 5'x10' size only.

Please identify choice (if any) when placing order.



USH12060090 (random)
CALACATTA VENA CLASSICO 60"x120" - 5'x10' HONED
USSP12060090 (random)
CALACATTA VENA CLASSICO 60"x120" - 5'x10' POLISHED



USH6060090
CALACATTA VENA CLASSICO 60"x60" - 5'x5' HONED
USSP6060090
CALACATTA VENA CLASSICO 60"x60" - 5'x5' POLISHED



USH3060090
CALACATTA VENA CLASSICO 30"x60" - 2.5'x5' HONED
USSP3060090
CALACATTA VENA CLASSICO 30"x60" - 2.5'x5' POLISHED



USH3030090
CALACATTA VENA CLASSICO 30"x30" - 2.5'x2.5' HONED
USSP3030090
CALACATTA VENA CLASSICO 30"x30" - 2.5'x2.5' POLISHED

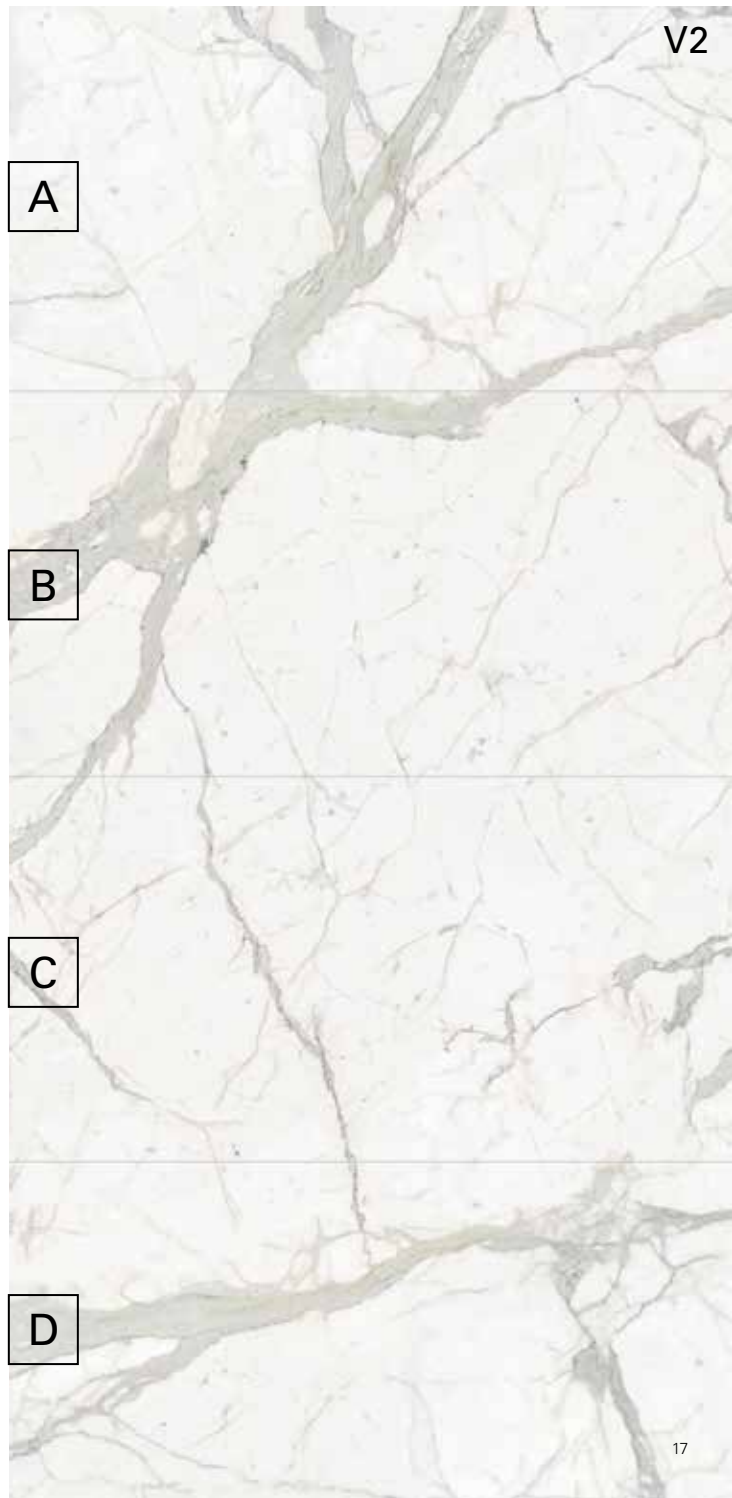


USH3015090
CALACATTA VENA CLASSICO 15"x30" - 1.25'x2.5' HONED
USSP3015090
CALACATTA VENA CLASSICO 15"x30" - 1.25'x2.5' POLISHED

Mosaics, New Mosaics



USH12MH090
MOS.CALACATTA VENA CLASSICO 12"x12"





PLANE EXTRA VENA A B

Description: A & B are "book match" faces which can be used side by side for a continuous vein effect.



USH12060111
EXTRA VENA A 60"x120" - 5'x10' HONED
USSP12060111
EXTRA VENA A 60"x120" - 5'x10' POLISHED
USH12060112
EXTRA VENA B 60"x120" - 5'x10' HONED
USSP12060112
EXTRA VENA B 60"x120" - 5'x10' POLISHED



PLANE EXTRA VENA

Description: Classico contains four various faces with simultaneous vein effect A,B,C,D face options available by shade for 5'x10' size only.

Please identify choice (if any) when placing order.



USH12060110 (random)
EXTRA VENA 60"x120" - 5'x10' HONED
USSP12060110 (random)
EXTRA VENA 60"x120" - 5'x10' POLISHED



USH6060110
EXTRA VENA 60"x60" - 5'x5' HONED
USSP6060110
EXTRA VENA 60"x60" - 5'x5' POLISHED



USH3060110
EXTRA VENA 30"x60" - 2.5'x5' HONED
USSP3060110
EXTRA VENA 30"x60" - 2.5'x5' POLISHED

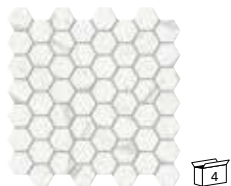


USH3030110
EXTRA VENA 30"x30" - 2.5'x2.5' HONED
USSP3030110
EXTRA VENA 30"x30" - 2.5'x2.5' POLISHED

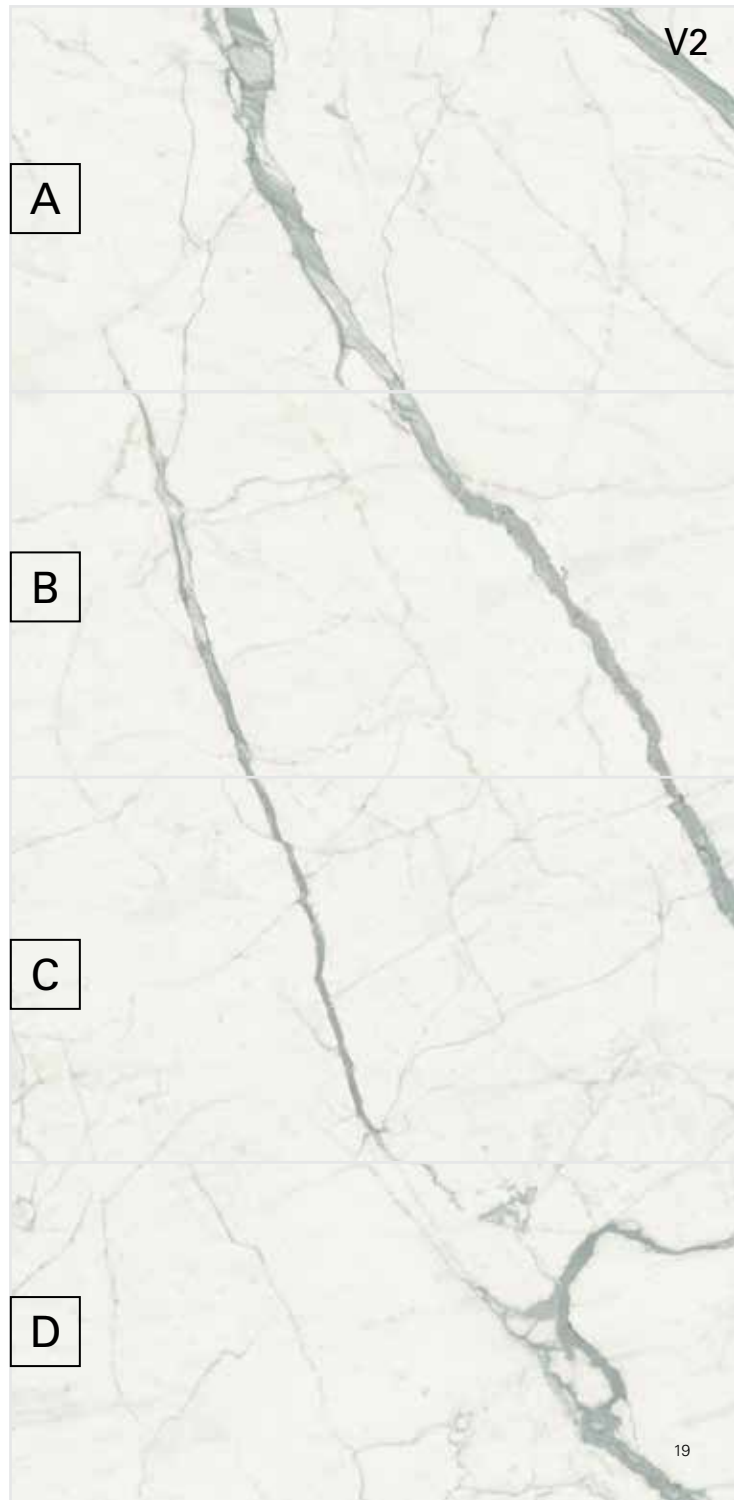


USH3015110
EXTRA VENA 15"x30" - 1.25'x2.5' HONED
USSP3015110
EXTRA VENA 15"x30" - 1.25'x2.5' POLISHED

Mosaics, New Mosaics



USH12MH110
MOS.EXTRA VENA
12"x12"



PLANE

ARABESCATO VENA A B



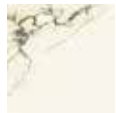
USSP12060119
ARABESCATO VENA A 60"x120" - 5'x10' POLISHED
USSP12060120
ARABESCATO VENA B 60"x120" - 5'x10' POLISHED



PLANE PAONAZZETTO VENA



USSP12060113
PAONAZZETTO VENA 60"x120" - 5'x10' POLISHED



USSP6060113
PAONAZZETTO VENA 60"x60" - 5'x5' POLISHED



USSP3060113
PAONAZZETTO VENA 30"x60" - 2.5'x5' POLISHED



USSP3030113
PAONAZZETTO VENA 30"x30" - 2.5'x2.5' POLISHED



USSP3015113
PAONAZZETTO VENA 15"x30" - 1.25'x2.5' POLISHED



PLANE FANTASY BRIGHT



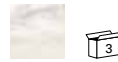
USSP12060116
FANTASY BRIGHT 60"x120" - 5'x10' POLISHED



USSP6060116
FANTASY BRIGHT 60"x60" - 5'x5' POLISHED



USSP3060116
FANTASY BRIGHT 30"x60" - 2.5'x5' POLISHED



USSP3030116
FANTASY BRIGHT 30"x30" - 2.5'x2.5' POLISHED



USSP3015116
FANTASY BRIGHT 15"x30" - 1.25'x2.5' POLISHED



PLANE FANTASY GOLD



USSP12060115
FANTASY GOLD 60"x120" - 5'x10' POLISHED



USSP6060115
FANTASY GOLD 60"x60" - 5'x5' POLISHED



USSP3060115
FANTASY GOLD 30"x60" - 2.5'x5' POLISHED



USSP3030115
FANTASY GOLD 30"x30" - 2.5'x2.5' POLISHED



USSP3015115
FANTASY GOLD 15"x30" - 1.25'x2.5' POLISHED



V2



PLANE FANTASY CLOUD



USSP12060117
FANTASY CLOUD 60"x120" - 5'x10' POLISHED



USSP6060117
FANTASY CLOUD 60"x60" - 5'x5' POLISHED



USSP3060117
FANTASY CLOUD 30"x60" - 2.5'x5' POLISHED



USSP3030117
FANTASY CLOUD 30"x30" - 2.5'x2.5' POLISHED



USSP3015117
FANTASY CLOUD 15"x30" - 1.25'x2.5' POLISHED



All sizes are nominal
All Plane products are rectified
For technical information refer to our website
www.stonepeakceramics.com

PLANE CRYSTAL VENA



USSP12060121
CRYSTAL VENA 60"x120" - 5'x10' POLISHED



USSP6060121
CRYSTAL VENA 60"x60" - 5'x5' POLISHED



USSP3060121
CRYSTAL VENA 30"x60" - 2.5'x5' POLISHED



USSP3030121
CRYSTAL VENA 30"x30" - 2.5'x2.5' POLISHED



USSP3015121
CRYSTAL VENA 15"x30" - 1.25'x2.5' POLISHED



PLANE MARFIL VENA



V2



USH12060114
MARFIL VENA 60"x120" - 5'x10' HONED
USSP12060114
MARFIL VENA 60"x120" - 5'x10' POLISHED



USH6060114
MARFIL VENA 60"x60" - 5'x5' HONED
USSP6060114
MARFIL VENA 60"x60" - 5'x5' POLISHED



USH3060114
MARFIL VENA 30"x60" - 2.5'x5' HONED
USSP3060114
MARFIL VENA 30"x60" - 2.5'x5' POLISHED



USH3030114
MARFIL VENA 30"x30" - 2.5'x2.5' HONED
USSP3030114
MARFIL VENA 30"x30" - 2.5'x2.5' POLISHED



USH3015114
MARFIL VENA 15"x30" - 1.25'x2.5' HONED
USSP3015114
MARFIL VENA 15"x30" - 1.25'x2.5' POLISHED

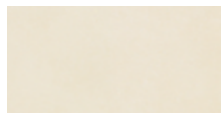
Mosaics, New Mosaics



USH12MH114
MOS.MARFIL VENA
12"x12"

PLANE

WHITE SAND PLANE



USH12060123
WHITE SAND PLANE 60"x120" - 5'x10' HONED



USH6060123
WHITE SAND PLANE 60"x60" - 5'x5' HONED



USH3060123
WHITE SAND PLANE 30"x60" - 2.5'x5' HONED



USH3030123
WHITE SAND PLANE 30"x30" - 2.5'x2.5' HONED



USH3015123
WHITE SAND PLANE 15"x30" - 1.25'x2.5' HONED



V2



PLANE GOLDEN GLAMOUR



USH12060124
GOLDEN GLAMOUR PLANE 60"x120" - 5'x10' HONED



USH6060124
GOLDEN GLAMOUR PLANE 60"x60" - 5'x5' HONED



USH3060124
GOLDEN GLAMOUR PLANE 30"x60" - 2.5'x5' HONED



USH3030124
GOLDEN GLAMOUR PLANE 30"x30" - 2.5'x2.5' HONED



USH3015124
GOLDEN GLAMOUR PLANE 15"x30" - 1.25'x2.5' HONED



PLANE TRAVERTINO VENA



USH12060098
TRAVERTINO VENA 60"x120" - 5'x10' HONED
USSP12060098
TRAVERTINO VENA 60"x120" - 5'x10' POLISHED



USH6060098
TRAVERTINO VENA 60"x60" - 5'x5' HONED
USSP6060098
TRAVERTINO VENA 60"x60" - 5'x5' POLISHED



USH3060098
TRAVERTINO VENA 30"x60" - 2.5'x5' HONED
USSP3060098
TRAVERTINO VENA 30"x60" - 2.5'x5' POLISHED



USH3030098
TRAVERTINO VENA 30"x30" - 2.5'x2.5' HONED
USSP3030098
TRAVERTINO VENA 30"x30" - 2.5'x2.5' POLISHED



USH3015098
TRAVERTINO VENA 15"x30" - 1.25'x2.5' HONED
USSP3015098
TRAVERTINO VENA 15"x30" - 1.25'x2.5' POLISHED

Mosaics, New Mosaics



USH12MH098
MOS. TRAVERTINO VENA
12"x12"





PLANE DARK VENA



USSP12060122
DARK VENA 60"x120" - 5'x10' POLISHED



USSP6060122
DARK VENA 60"x60" - 5'x5' POLISHED



USSP3060122
DARK VENA 30"x60" - 2.5'x5' POLISHED



USSP3030122
DARK VENA 30"x30" - 2.5'x2.5' POLISHED



USSP3015122
DARK VENA 15"x30" - 1.25'x2.5' POLISHED



PLANE NAPOLEON VENA



USP12060118
NAPOLEON VENA 60"x120" - 5'x10' POLISHED



USP6060118
NAPOLEON VENA 60"x60" - 5'x5' POLISHED



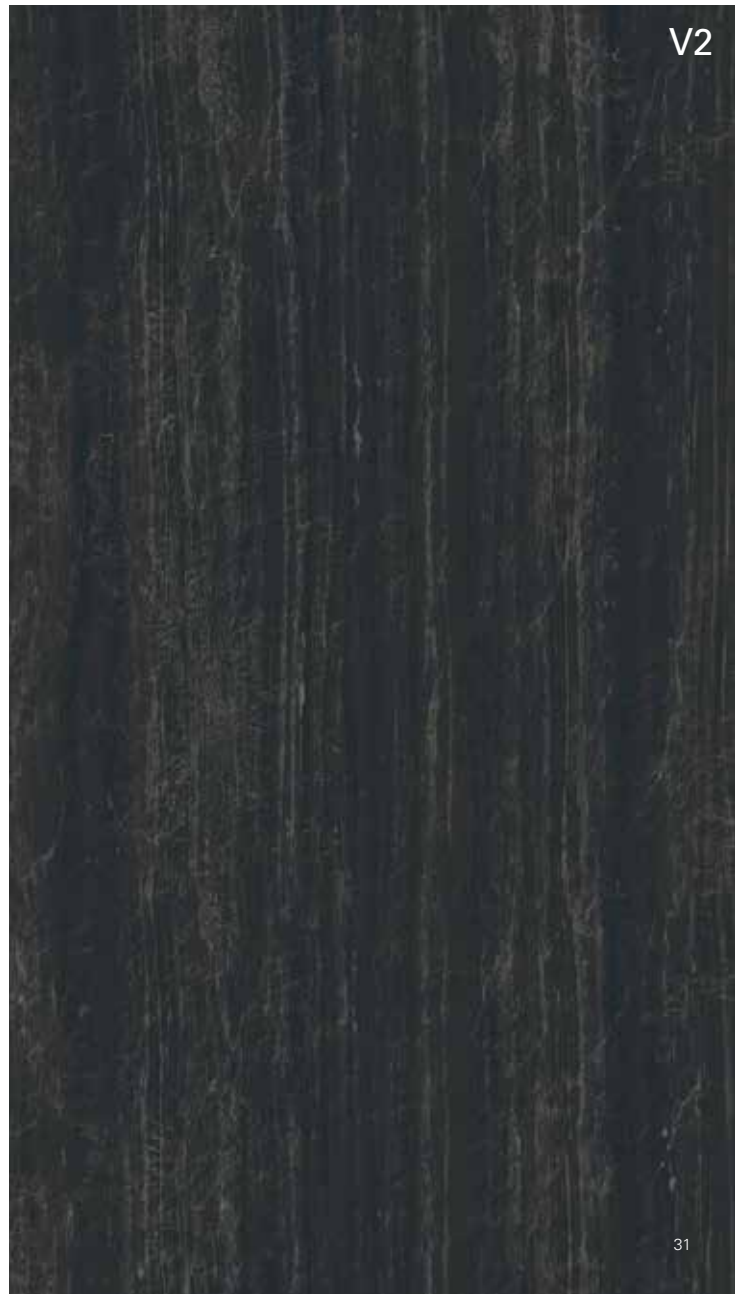
USP3060118
NAPOLEON VENA 30"x60" - 2.5'x5' POLISHED



USP3030118
NAPOLEON VENA 30"x30" - 2.5'x2.5' POLISHED



USP3015118
NAPOLEON VENA 15"x30" - 1.25'x2.5' POLISHED



V2



PLANE

WHITE PLANE



USH12060087
WHITE PLANE 60"x120" - 5'x10' HONED
USSP12060087
WHITE PLANE 60"x120" - 5'x10' CHROME



USH6060087
WHITE PLANE 60"x60" - 5'x5' HONED
USSP6060087
WHITE PLANE 60"x60" - 5'x5' CHROME



USH3060087
WHITE PLANE 30"x60" - 2.5'x5' HONED
USSP3060087
WHITE PLANE 30"x60" - 2.5'x5' CHROME



USH3030087
WHITE PLANE 30"x30" - 2.5'x2.5' HONED
USSP3030087
WHITE PLANE 30"x30" - 2.5'x2.5' CHROME



USH3015087
WHITE PLANE 15"x30" - 1.25'x2.5' HONED
USSP3015087
WHITE PLANE 15"x30" - 1.25'x2.5' CHROME



V2

PLANE

SILVER PLANE



USH12060086
SILVER PLANE 60"x120" - 5'x10' HONED
USSP12060086
SILVER PLANE 60"x120" - 5'x10' CHROME



USH60600086
SILVER PLANE 60"x60" - 5'x5' HONED
USSP60600086
SILVER PLANE 60"x60" - 5'x5' CHROME



USH30600086
SILVER PLANE 30"x60" - 2.5'x5' HONED
USSP30600086
SILVER PLANE 30"x60" - 2.5'x5' CHROME



USH30300086
SILVER PLANE 30"x30" - 2.5'x2.5' HONED
USSP30300086
SILVER PLANE 30"x30" - 2.5'x2.5' CHROME



USH30150086
SILVER PLANE 15"x30" - 1.25'x2.5' HONED
USSP30150086
SILVER PLANE 15"x30" - 1.25'x2.5' CHROME



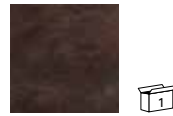


PLANE

COPPER PLANE



USH12060092
 COPPER PLANE 60"x120" - 5'x10' HONED
 USSP12060092
 COPPER PLANE 60"x120" - 5'x10' CHROME



USH60600092
 COPPER PLANE 60"x60" - 5'x5' HONED
 USSP60600092
 COPPER PLANE 60"x60" - 5'x5' CHROME



USH30600092
 COPPER PLANE 30"x60" - 2.5'x5' HONED
 USSP30600092
 COPPER PLANE 30"x60" - 2.5'x5' CHROME



USH30300092
 COPPER PLANE 30"x30" - 2.5'x2.5' HONED
 USSP30300092
 COPPER PLANE 30"x30" - 2.5'x2.5' CHROME



USH30150092
 COPPER PLANE 15"x30" - 1.25'x2.5' HONED
 USSP30150092
 COPPER PLANE 15"x30" - 1.25'x2.5' CHROME

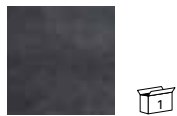


PLANE

BLACK PLANE



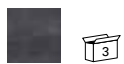
USH12060091
BLACK PLANE 60"x120" - 5'x10' HONED
USSP12060091
BLACK PLANE 60"x120" - 5'x10' CHROME



USH6060091
BLACK PLANE 60"x60" - 5'x5' HONED
USSP6060091
BLACK PLANE 60"x60" - 5'x5' CHROME



USH3060091
BLACK PLANE 30"x60" - 2.5'x5' HONED
USSP3060091
BLACK PLANE 30"x60" - 2.5'x5' CHROME



USH3030091
BLACK PLANE 30"x30" - 2.5'x2.5' HONED
USSP3030091
BLACK PLANE 30"x30" - 2.5'x2.5' CHROME



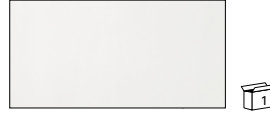
USH3015091
BLACK PLANE 15"x30" - 1.25'x2.5' HONED
USSP3015091
BLACK PLANE 15"x30" - 1.25'x2.5' CHROME



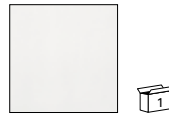
V2



PLANE TRUE WHITE



USH12060094
TRUE WHITE 60" x 120" - 5' x 10' HONED
USP12060094
TRUE WHITE 60" x 120" - 5' x 10' POLISHED



USH60600094
TRUE WHITE 60" x 60" - 5' x 5' HONED
USP60600094
TRUE WHITE 60" x 60" - 5' x 5' POLISHED



USH30600094
TRUE WHITE 30" x 60" - 2.5' x 5' HONED
USP30600094
TRUE WHITE 30" x 60" - 2.5' x 5' POLISHED



USH30300094
TRUE WHITE 30" x 30" - 2.5' x 2.5' HONED
USP30300094
TRUE WHITE 30" x 30" - 2.5' x 2.5' POLISHED



USH30150094
TRUE WHITE 15" x 30" - 1.25' x 2.5' HONED
USP30150094
TRUE WHITE 15" x 30" - 1.25' x 2.5' POLISHED



V2

PLANE TRUE BLACK



USH12060093
TRUE BLACK 60"x120" - 5'x10' HONED
USP12060093
TRUE BLACK 60"x120" - 5'x10' POLISHED



USH60600093
TRUE BLACK 60"x60" - 5'x5' HONED
USP60600093
TRUE BLACK 60"x60" - 5'x5' POLISHED



USH30600093
TRUE BLACK 30"x60" - 2.5'x5' HONED
USP30600093
TRUE BLACK 30"x60" - 2.5'x5' POLISHED



USH30300093
TRUE BLACK 30"x30" - 2.5'x2.5' HONED
USP30300093
TRUE BLACK 30"x30" - 2.5'x2.5' POLISHED



USH30150093
TRUE BLACK 15"x30" - 1.25'x2.5' HONED
USP30150093
TRUE BLACK 15"x30" - 1.25'x2.5' POLISHED



V2

General instructions 39

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Trowels

Technical Specification Chart 58

1. PACKAGING



Example: A-Frame

5'x10' panels may be transported vertically. (see example).

- **A-frame** packaging can hold up to 50 pieces of 5'x10' porcelain panels vertically.

Full 20 ft. containers hold 150 pieces (3 total A-frames).

- **Other size** packaging:

15"x30", 30"x30", and 30"x60" are regularly packaged in a box and shipped in wood crates.

60"x60" are shipped flat in reinforced crates, holding 24 pieces per crate, or on an A-frame holding up to 48 pieces.

2. PRODUCT IDENTIFICATION

Each full crate will include a product sticker with the product description, shade, size, and code, along with a packing slip for details of shipment and material. All smaller shipments will only include the packing slip.

If a special shade is needed, it should be indicated on the purchase order. When ordering the same material multiple times, the same (original) shade cannot be guaranteed.

		STONEPEAK high tech porcelain www.stonepeakceramics.com		GrandFornice S.p.A. Via Baldoi No.10, 11,2 42034 Castelnuovo (Reggio Emilia) Italy	
Item Code: USSP12060098					
Item Desc: 150X300 TRAVERTINO VENA POL.					
Choice: 1	Ref: P42	PCS	per load: 50		
Kg per PCS : 63.32		Kg per load: 3166.00			
Lot: 1611030904		Made in Italy			
cm 300X150 W: 3002 mm X 1500 mm +/- 0.1%		AR1630950185 			
ShipmentID 43318		 			
ISO 13008 Encl. G EN 18411 - B1 UGL Polished materials are treated after firing					

Example of Italian Factory A-frame Product Tag

		FIRST CHOICE 	
SP16 169 04122			
USSP12060090			
CAL.VENA CLASSICO P.			
Size:	Box:	Shade:	
120"X60"	37	B740	

Example of American Factory A-frame Product Tag

3. SHIPPING

FOR ALL 120" x 60" PANELS:

Vertical transportation is preferred by using "A-frame" packaging.

For Local Shipping, always use an A-frame (see example A on page 39).



DANGER

- 8ft. fork extensions are required to unload the large panel container.
- When uncrating the panels, always apply clamps on an A-frame before strapping band is cut from the A-frame.
- On all LTL shipments, always strap A-frames securely inside of cab. Never clamp them.
- We do not recommend using the same A-frame to ship with as that received from the Italian factory. Contact your representative for more information.



Clamp shown on A-Frame



8ft. forklift extensions



A-frame properly strapped to open truck



A-frame shown being unloaded from a container

4. HANDLING

When taking delivery of large porcelain panels (120"x60" & 60"x60"), please make sure of the following:

- It is important to examine every shipment to notate any damage on BOL or a claim may be refused.
- If you detect any defect after taking delivery of the panels, and prior to cutting, do not proceed with the processing and contact your sales or customer service representative immediately.
- Transport of 12 panels or less should be shipped in open A-frame with flat back support. The A-frame must always be strapped, never clamped.
- When standing panels upright, be sure to use proper base support. The use of two support pieces about 2" thick and 24" from each end of the panel, or a solid base with protective cushioning is recommended.

5. PROPER HANDLING TOOLS

When moving the panels or crates, please use proper handling tools.

A. Forklift Extension

B. Suction Cups

C. Moving Tools (see page 51)

D. Forklift Pinch Clamp by Abaco Machines or similar



Example of forklift extensions



Example of suction cup handles being used. Panel weight is approximately 140 lbs. and no more than 2 experienced people are suggested to move.



Example of forklift boom & pinch clamp

6. OTHER TOOLS & MATERIALS NEEDED TO WORK WITH LARGE PORCELAIN PANELS



- Rigid working table to match the dimension of the panels (120"x60" OR LARGER)
- Scoring tools
- Variable speed right angle grinder with electroplated diamond blades (See page 43 & 45 for photos)
- List of tools & materials needed for porcelain panel installation jobs

Tape measure
Framing square
Marking pencil / china marker
Chalk line
Grid (graph) paper
Carpenter's triangle
Safety glasses
Safety gloves
Knee pads
Buckets
Drill and mixing paddle
Spray bottle
Trowel specific to large panels
2 x 4
Rubber mallet

Sponges
Abrasive stone
Manual tile cutter
Tile nipper
Grout float
Cheesecloth
Tile spacer / Leveling system
Water
Thin-set mortar
Grout
Painter's tape
Grout haze / film remover
Grout sealer
StainBlocker for grout
Paper towels

7. MANIPULATION (FULL CUTS, CUT OUTS, MITERED EDGES)

The “**score and snap**” is the preferred method for **straight cuts** (from one end of the panel to the other) using a recommended tool. (See page 51-52 – for tool suppliers.)



- When planning a cut that will be the full length of the panel, either with a plunge cut, or starting at the edge, mark and drill a relief hole at the termination point of the cut, then cut towards the relief hole. Properly support piece equally across entire surface of the piece when setting in mortar and prior to handling for installation.
- When planning a **plunge cut**, drill a relief hole with an electroplated core bit at the termination point of the cut, prior to beginning the cut. Always cut towards the relief hole.
- When planning a “**U**” shaped cut, mark, and drill relief holes where the cut lines will intersect. Always make the shortest cuts first, leaving your waste/dropout attached to the largest part of your desired piece for the final cut.
- When planning an “**L**” shaped cut, mark and drill relief holes where the cut lines will intersect, always cut the shortest length first, and cut towards the relief hole.

- When manipulating large porcelain panels, a variable speed right angle grinder is strongly suggested to reduce vibration. Electroplated diamond blades or electroplated diamond drill bits should be used for various cuts and manipulations.

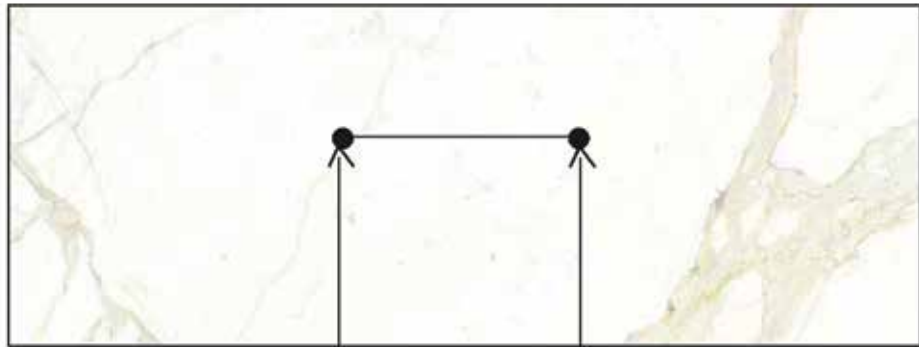
(See page 51-52 – for tool suppliers.)



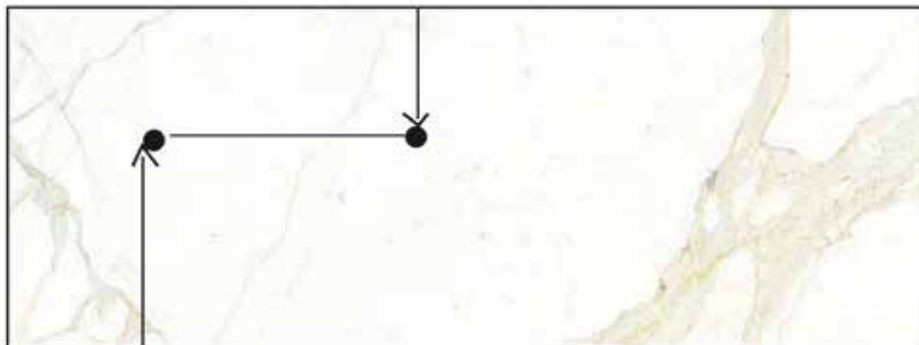
IMPORTANT: Always cut towards the relief hole.



When cutting a “U” shaped piece, mark, and drill relief holes where the cut lines intersect, always make the shortest cut first.



When cutting an “L” , drill relief holes where the cut lines intersect, always make the shortest cut first.



Color matched or tinted polyester, epoxy compounds or equivalent are often used to fill edges and bring the pieces together to form a smooth transition.



DANGER

ALWAYS PROPERLY SUPPORT EACH PIECE PRIOR TO INSTALLATION.

For circular cut outs, a circular electroplated diamond core bit must be used with a variable speed grinder or drill.



Example of initial drawing for plumbing fixtures cut out

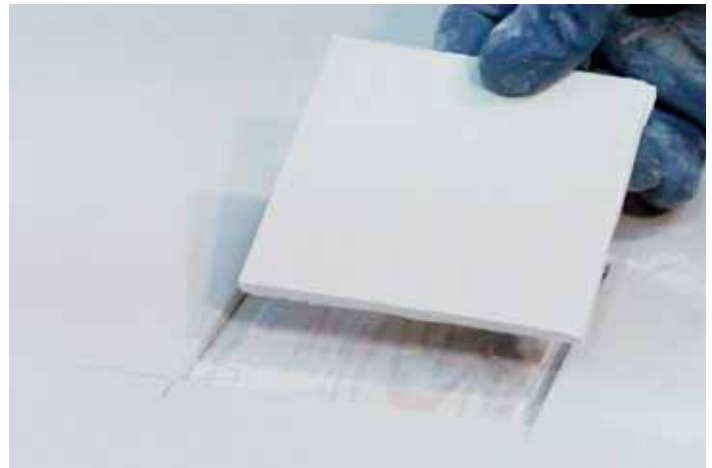


Image shows use of drill with electroplated diamond core bit.

For straight line cut outs, a variable speed grinder with electroplated diamond blades must be used. Relief holes or cuts before planning a square or rectangular shape are necessary.



Example of variable speed grinder using diamond electroplated blade to make straight line cut out



Clean cut out complete

When possible, it is best to fabricate niches and holes after the panel is already installed with thin set on wall or floor. If it is not possible to cut holes or square/rectangular cuts (fireplace, sink, etc.) before the panel is installed, create full support with plywood or MDF panel template with same shapes and cuts to attach and transport the porcelain panel. Support panels should only be detached when porcelain panels are fully bonded to the substrate. It is also possible to move panels with proper moving tools made of multiple suction cups to avoid tension of the panel after it is cut.



IT IS IMPORTANT TO AVOID STRESS AND TORSION TO THE ALREADY CUT PANEL.

Material can be mitered using proper tools. Colored or tinted compounds such as polyester, epoxy, or equivalent are often used to fill edges and bring the 45 degree miter cuts together.

Please see image below of 45 degree miter cut.



Material can be bullnosed the same as regular porcelain.

8. FLOOR / WALL INSTALLATION

Large porcelain panels can be installed over concrete or other suitable substrates. You must honor all expansion joints or any defects in the substrate and mitigate prior to installation.

The back of the panel and substrate should be spread the same direction at the shortest distance with a modified LFT thin set mortar to achieve 100% coverage. Flatness must be considered when installing large porcelain panels. The TCNA Handbook states, "The finish flatness requirement for ceramic tile installations is 1/4" in 10' according to ANSI A108.02. The finish flatness requirement for stone installations is 1/8" in 10' according to MIA. If a more stringent finish flatness tolerance is desired, it must be clearly specified and the subsurface tolerance must be adjusted accordingly."



Example of full skim coat being applied

Self-leveling systems are required to achieve desired flatness between joints. Fill any voids with the mortar for complete support.

Recommended tools and techniques need to be used to ensure full bond of the panel.

Recommended techniques should be followed to move air out from underneath the panels.

(See preferred trowels page 54).

8. FLOOR / WALL ISNTALLATION CONTINUED



Self-leveling system being used for floor installation



Example of proper full mortar coverage

The setting material manufacturers have vast experience in the installation of porcelain tiles and large porcelain panels. Accordingly, we strongly recommend that the installer should contact the relevant setting material manufacturers and seek their advice prior to installation of our large porcelain panels.

(See referenced manufacturers page 53 for contact details).

It is very important to spread thin set the same direction on both the substrate and the panel, the shortest direction of panels. Recommended thin sets are: LFT by Mapei, Prolite by Custom, 254 Platinum by Laticrete, and x77 Walls & x78 Floors by Ardex. (See referenced manufacturers page 57 for contact details). Place tile into the fresh mortar and firmly press to cause the ridges to flatten out and come together into a continuous void-free bed. Install desired spacers/levelers of preferred grout joint design width.

NOTE: Recommended 1/8" grout joint width should be maintained throughout the entire installation. Countertop seams can be butted.

Polymer added sanded and unsanded grout, epoxy grout, silicone, or polyurethane can be used to fill the joints. If using epoxy grout, make sure to follow proper cleaning instruction within the manufacturers' specific time frame.

StonePeak does not accept any responsibility nor does it recommend a particular method of installation. It is the responsibility of the installer/buyer to design the tiling system based on the advice obtained from the setting material manufacturer.

9. EXTERIOR INSTALLATION

Large porcelain panels are ideal for exterior cladding of walls and vertical applications.
Contact manufacturer for further information or to become a certified installer.



Example of exterior cladding

WE OFFER MECHANICAL AND BONDED TECHNIQUES.

10. FABRICATION OF COUNTERTOPS

Large porcelain panels are ideal for countertop installation with the proper substrate.
Contact manufacturer to become a trained fabricator.



Example of countertop and backsplash

FIRST CLEANING POST INSTALLATION

A PROPER INITIAL CLEANING AFTER INSTALLATION IS SUGGESTED. PROFESSIONAL CLEANERS SHOULD BE USED TO MAKE SURE ALL CONSTRUCTION RESIDUES ARE COMPLETELY REMOVED. (See below for recommended professional cleaners.)

Construction particles, dust, sand, and debris should be removed from the panel surface by sweeping with a soft brush. Sand and other abrasive materials may scratch the floor; therefore the surfaces should always be kept free from dust, sand, and soil. StonePeak large porcelain panel surfaces should be properly covered and protected after the installation, and up to the completion of all construction.

ORDINARY MAINTENANCE

Large porcelain panels are a high quality, solid, nonporous product that require minimum maintenance. (For daily maintenance, see below for recommended household cleaners.)

RECOMMENDED CLEANERS & CONTACT INFORMATION

RECOMMENDED CLEANERS FOR PROFESSIONAL USE

FILA CLEANING SOLUTIONS

FILA
10800 N.W. 21st Street #170
Miami, FL 33172
Phone 305.724.8939
Website www.filasolutions.com
For organic residue removal
FILA PS87
For cement-based residue removal
FILA DETERDEK
For epoxy removal
FILA CR10

AQUA MIX

AQUA MIX
7711 Center Ave Ste 500
Huntington Beach, CA 92647
TF 800-272-8786
www.aquamix.com

HILLYARD, INC.

HILLYARD, INC.
302 North 4th Street
St. Joseph, MO 64501
TF 800.365.1555
Fax 800.861.0256
Website www.hillyard.com
For lead or metal residue removal
For contractor pencil marks
For removal of metal marks
Crème Clean

RECOMMENDED CLEANERS FOR DAILY USE

HOUSEHOLD CLEANERS

Magic Eraser
Melamine Pad
Brasso Gel
Lysol Gel
All purpose ceramic cleaner
Windex
Baking Soda
Ammonia

RECOMMENDED INSTALLATION ACCESSORIES INFORMATION

TOOLS

WEHA

WEHA USA
625 Griffith Rd Suite 120
Charlotte, NC 28217
Phone 704.940.0115
www.wehausa.com

SIGMA / ETMTOOLS

European Tile Masters, Inc.
27 Copper Ridge Rd
Trout Creek, MT. 59874
Phone 954.917.3599
Fax 954.917.3539
www.europeantilemasters.com
www.toolsfortile.com

RUSSOTRADING COMPANY INC

RUSSOTRADING COMPANY, INC.
4235 N 127th St.
Brookfield, WI 53005
Phone 855.782.8665
Fax 262.790.2177
www.RTCproducts.com

RAIMONDITOLS

Donnelly Distribution LLC
N 56 W 24790 N Corporate Circle Unit A
Sussex, WI 53089
TF 800.625.6686
Phone 262.820.1212
Fax 262.820.1226
www.donnelydist.com

OMEGA DIAMOND INC

OMEGA DIAMOND INC.
10125 Ophir Road
Newcastle, CA 95658
Phone 888.996.4777
Fax 530.885.3785
www.omegadiamond.com

ABACO MACHINES USA (BOOM, PINCH CLAMP)

ABACO MACHINES USA
14508 S Garfield Ave
Paramount, CA 90723
Phone 310.532.0366
Fax 310.532.0499
www.abacomachines.com

BLADES/BITS**CYCLONE**

DIAMAX INDUSTRIES
949 W Marietta St X100
Atlanta, GA 30318
Phone 404.817.3232
www.diamaxinc.com

ETM

European Tile Masters, Inc.
27 Copper Ridge Rd
Trout Creek, MT. 59874
Phone 954.917.3599
Fax 954.917.3539
www.europeantilemasters.com
www.toolsfortile.com

BUILDING PRODUCTS / BACKERBOARDS**WEDI BOARD**

WEDI Corporation
171 S Gary Ave
Carol Stream, IL 60188
Phone 877.933.wedi (9334)
Fax 847.357.9819
www.wedicorp.com

KERDI BOARD

SCHLUTER SYSTEMS L.P.
194 Pleasant Ridge Road
Plattsburgh, NY 12901-5841
TF 800.472.4588
Fax 800.477.9783
www.schluter.com

USG (CEMENT BOARD)

USG US Corporate Office
550 West Adams Street
Chicago, IL 60661
Phone 312.436.4000
www.usg.com

GOBOARD

Johns Manville Corporate Office
P. O. Box 5108
Denver, CO 80217-5108
Phone: 303.978.2000
www.jm.com

HARDIEBACKER BOARD

Available at most local hardware stores

ADHESIVES (COLORED EPOXY GLUE, ETC.)
AKEMI

INNOCHEM
 Innovative Chemicals
 4030 Pleasantdale Road Suite F
 Doraville, GA 30340
 Phone 770.409.8789
 Fax 770.409.9096
www.akemina.com

TENAX

TENAX USA
 625 Griffith Rd Suite 120
 Charlotte, NC 28217
 Phone 704.583.1173
www.tenax4you.com

SETTING MATERIALS (THIN SET, GROUT, ETC.)
BOSTIK

BOSTIK, INC.
 11320 W Watertown Plank Road
 Wauwatosa, WI 53226
 TF 800.762.7845
www.bostik-us.com

MAPEI

MAPEI Americas Headquarters
 1144 E. Newport Center Drive
 Deerfield Beach, FL 33442
 TF 800.992.6273
 Fax 954.246.8805
www.mapei.us

ARDEX

ARDEX Americas
 400 Ardex Park Drive
 Aliquippa, PA 15001
 Phone 888.512.7339
www.ardexamericas.com

LATICRETE

LATICRETE International, Inc.
 One LATICRETE Park North
 Bethany, CT 06524-3423 USA
 TF 800.243.4788
www.laticrete.com

TEC

H.B. FULLER CONSTRUCTION PROJECTS INC.
 1105 S Frontenac Street
 Aurora, IL 60504
 TF 800.552.6225
 Phone 562.598.8808
www.tecspecialty.com

CUSTOM BUILDING PRODUCTS

CUSTOM BUILDING PRODUCTS
 7711 Center Ave Ste 500
 Huntington Beach, CA 92647
 TF 800.272.8786
 Phone 562.598.8808
 Fax 800.200.7765
www.custombuildingproducts.com

TROWELS

FLOW RIDGE TROWEL BY RAIMONDI

DONNELLY DISTRIBUTION LLC
N63 W 22611 Main Street Unit C
Sussex, WI 53089
TF 800.625.6686
Phone 262.820.1212
Fax 262.820.1226
www.raimondiusa.com

EURO NOTCH TROWEL BY ETM

EUROPEANTILE MASTERS, INC.
1830 Vista Way
Margate, FL 33063
Phone 954.917.3599
Fax 954.917.3539
www.europeantilemasters.com
www.toolsfortile.com

PREMIUM NOTCH TROWEL BY SUPERIOR BILT

PREMIUM NOTCH TROWEL BY SUPERIOR BILT
7711 Center Ave Ste 500
Huntington Beach, CA 92647
TF 800.272.8786
Phone 562.598.8808
Fax 800.200.7765
www.custombuildingproducts.com

Packaging Information



SIZE	CODE	NAME	Piece	Piece sq.ft	CRATE Pcs	CRATE sq.ft	THICKNESS mm.	WEIGHT Lb/sq.ft
60"x120" honed	USH12060091	Black Plane	1	49.48	12	593.77	6.0	2.88
	USH12060088	Calacatta Vena Plane A	1	49.48	12	593.77	6.0	2.88
	USH12060089	Calacatta Vena Plane B	1	49.48	12	593.77	6.0	2.88
	USH12060090	Calacatta Vena Classico	1	49.48	12	593.77	6.0	2.88
	USH12060092	Copper Plane	1	49.48	12	593.77	6.0	2.88
	USH12060110	Extra Vena	1	49.48	12	593.77	6.0	2.88
	USH12060111	Extra Vena A	1	49.48	12	593.77	6.0	2.88
	USH12060112	Extra Vena B	1	49.48	12	593.77	6.0	2.88
	USH12060124	Golden Glamour Plane	1	49.48	12	593.77	6.0	2.88
	USH12060114	Marfil Vena	1	49.48	12	593.77	6.0	2.88
	USH12060123	White Sand	1	49.48	12	593.77	6.0	2.88
	USH12060086	Silver Plane	1	49.48	12	593.77	6.0	2.88
	USH12060098	Travertino Vena	1	49.48	12	593.77	6.0	2.88
	USH12060093	True Black	1	49.48	12	593.77	6.0	2.88
	USH12060094	True White	1	49.48	12	593.77	6.0	2.88
	USH12060087	White Plane	1	49.48	12	593.77	6.0	2.88
60"x120" polished	USSP12060207	Zebrino Michelangelo	1	49.48	12	593.77	6.0	2.88
	USSP12060119	Arabescato Vena A	1	49.48	12	593.77	6.0	2.88
	USSP12060120	Arabescato Vena B	1	49.48	12	593.77	6.0	2.88
	USSP12060088	Calacatta Vena A	1	49.48	12	593.77	6.0	2.88
	USSP12060089	Calacatta Vena B	1	49.48	12	593.77	6.0	2.88
	USSP12060090	Calacatta Vena Classico	1	49.48	12	593.77	6.0	2.88
	USSP12060121	Crystal Vena	1	49.48	12	593.77	6.0	2.88
	USSP12060122	Dark Vena	1	49.48	12	593.77	6.0	2.88
	USSP12060110	Extra Vena	1	49.48	12	593.77	6.0	2.88
	USSP12060111	Extra Vena A	1	49.48	12	593.77	6.0	2.88
	USSP12060112	Extra Vena B	1	49.48	12	593.77	6.0	2.88
	USSP12060116	Fantasy Bright	1	49.48	12	593.77	6.0	2.88
	USSP12060117	Fantasy Cloud	1	49.48	12	593.77	6.0	2.88
	USSP12060115	Fantasy Gold	1	49.48	12	593.77	6.0	2.88
	USSP12060114	Marfil Vena	1	49.48	12	593.77	6.0	2.88
	USP12060118	Napoleon Vena	1	49.48	12	593.77	6.0	2.88
	USSP12060113	Paonazetto Vena	1	49.48	12	593.77	6.0	2.88
	USSP12060098	Travertino Vena	1	49.48	12	593.77	6.0	2.88
USP12060093	True Black	1	49.48	12	593.77	6.0	2.88	
USP12060094	True White	1	49.48	12	593.77	6.0	2.88	
60"x120" 10 mm polished	USSP12060090C	Calacatta Vena Classico polished 10mm	1	49.48	12	593.77	10	4.803
60"x120" chrome	USSP12060091	Black Plane	1	24.74	12	593.77	6.0	2.88
	USSP12060092	Copper Plane	1	24.74	12	593.77	6.0	2.88
	USSP12060086	Silver Plane	1	24.74	12	593.77	6.0	2.88
	USSP12060087	White Plane	1	24.74	12	593.77	6.0	2.88
60"x60" honed	USH6060091	Black Plane	1	24.74	24	593.78	6.0	2.88
	USH6060090	Calacatta Vena Classico	1	24.74	24	593.78	6.0	2.88
	USH6060092	Copper Plane	1	24.74	24	593.78	6.0	2.88
	USH6060110	Extra Vena	1	24.74	24	593.78	6.0	2.88
	USH6060124	Golden Glamour Plane	1	24.74	24	593.78	6.0	2.88
	USH6060114	Marfil Vena	1	24.74	24	593.78	6.0	2.88
	USH6060123	White Sand	1	24.74	24	593.78	6.0	2.88
	USH6060086	Silver Plane	1	24.74	24	593.78	6.0	2.88
	USH6060098	Travertino Vena	1	24.74	24	593.78	6.0	2.88
	USH6060093	True Black	1	24.74	24	593.78	6.0	2.88
	USH6060094	True White	1	24.74	24	593.78	6.0	2.88
	USH6060087	White Plane	1	24.74	24	593.78	6.0	2.88
60"x60" polished	USSP6060207	Zebrino Michelangelo	1	24.74	24	593.78	6.0	2.88
	USSP6060090	Calacatta Vena Classico	1	24.74	24	593.78	6.0	2.88
	USSP6060122	Dark Vena	1	24.74	24	593.78	6.0	2.88
	USSP6060110	Extra Vena	1	24.74	24	593.78	6.0	2.88
	USSP6060116	Fantasy Bright	1	24.74	24	593.78	6.0	2.88
	USSP6060117	Fantasy Cloud	1	24.74	24	593.78	6.0	2.88
	USSP6060115	Fantasy Gold	1	24.74	24	593.78	6.0	2.88
	USSP6060121	Crystal Vena	1	24.74	24	593.78	6.0	2.88
USSP6060114	Marfil Vena	1	24.74	24	593.78	6.0	2.88	

Packaging Information

SIZE	CODE	NAME	BOX Pieces	BOX sq.ft	CRATE Pcs	CRATE sq.ft	THICKNESS mm.	WEIGHT Lb/sq.ft
60"x60" polished	USSP6060207	Zebrino Michelangelo	1	24.74	24	593.78	6.0	2.88
	USSP6060118	Napoleon Vena	1	24.74	24	593.78	6.0	2.88
	USSP6060113	Paonazzetto Vena	1	24.74	24	593.78	6.0	2.88
	USSP6060098	Travertino Vena	1	24.74	24	593.78	6.0	2.88
	USP6060093	True Black	1	24.74	24	593.78	6.0	2.88
	USP6060094	True White	1	24.74	24	593.78	6.0	2.88
60"x60" chrome	USSP6060091	Black Plane	1	24.74	24	593.78	6.0	2.88
	USSP6060092	Copper Plane	1	24.74	24	593.78	6.0	2.88
	USSP6060086	Silver Plane	1	24.74	24	593.78	6.0	2.88
	USSP6060087	White Plane	1	24.74	24	593.78	6.0	2.88
30"x60" honed	USH3060091	Black Plane	2	24.74	24	618.53	6.0	2.88
	USH3060090	Calacatta Vena Classico	2	24.74	24	618.53	6.0	2.88
	USH3060092	Copper Plane	2	24.74	24	618.53	6.0	2.88
	USH3060110	Extra Vena	2	24.74	24	618.53	6.0	2.88
	USH3060124	Golden Glamour Plane	2	24.74	24	618.53	6.0	2.88
	USH3060114	Marfil Vena	2	24.74	24	618.53	6.0	2.88
	USH3060123	White Sand	2	24.74	24	618.53	6.0	2.88
	USH3060086	Silver Plane	2	24.74	24	618.53	6.0	2.88
	USH3060098	Travertino Vena	2	24.74	24	618.53	6.0	2.88
	USH3060093	True Black	2	24.74	24	618.53	6.0	2.88
	USH3060094	True White	2	24.74	24	618.53	6.0	2.88
	USH3060087	White Plane	2	24.74	24	618.53	6.0	2.88
	30"x60" polished	USSP3060207	Zebrino Michelangelo	2	24.74	25	618.53	6.0
USSP3060090		Calacatta Vena Classico	2	24.74	25	618.53	6.0	2.88
USSP3060122		Dark Vena	2	24.74	25	618.53	6.0	2.88
USSP3060110		Extra Vena	2	24.74	25	618.53	6.0	2.88
USSP3060116		Fantasy Bright	2	24.74	25	618.53	6.0	2.88
USSP3060117		Fantasy Cloud	2	24.74	25	618.53	6.0	2.88
USSP3060115		Fantasy Gold	2	24.74	25	618.53	6.0	2.88
USSP3060121		Crystal Vena	2	24.74	25	618.53	6.0	2.88
USSP3060114		Marfil Vena	2	24.74	25	618.53	6.0	2.88
USP3060118		Napoleon Vena	2	24.74	25	618.53	6.0	2.88
USSP3060113		Paonazzetto Vena	2	24.74	25	618.53	6.0	2.88
USSP3060098		Travertino Vena	2	24.74	25	618.53	6.0	2.88
USP3060093		True Black	2	24.74	25	618.53	6.0	2.88
USP3060094		True White	2	24.74	25	618.53	6.0	2.88
30"x60" chrome		USSP3060091	Black Plane	2	24.74	25	618.53	6.0
	USSP306009	Copper Plane	2	24.74	25	618.53	6.0	2.88
	USSP3060086	Silver Plane	2	24.74	25	618.53	6.0	2.88
	USSP3060087	White Plane	2	24.74	25	618.53	6.0	2.88
30"x30" honed	USH3030091	Black Plane	3	18.56	25	668.02	6.0	2.88
	USH3030090	Calacatta Vena Classico	3	18.56	25	668.02	6.0	2.88
	USH3030092	Copper Plane	3	18.56	25	668.02	6.0	2.88
	USH3030110	Extra Vena	3	18.56	25	668.02	6.0	2.88
	USH3030124	Golden Glamour Plane	3	18.56	25	668.02	6.0	2.88
	USH3030114	Marfil Vena	3	18.56	25	668.02	6.0	2.88
	USH3030123	White Sand	3	18.56	25	668.02	6.0	2.88
	USH3030086	Silver Plane	3	18.56	25	668.02	6.0	2.88
	USH3030098	Travertino Vena	3	18.56	25	668.02	6.0	2.88
	USH3030093	True Black	3	18.56	25	668.02	6.0	2.88
	USH3030094	True White	3	18.56	25	668.02	6.0	2.88
	USH3030087	White Plane	3	18.56	25	668.02	6.0	2.88
	30"x30" polished	USSP3030207	Zebrino Michelangelo	3	18.56	36	668.02	6.0
USSP3030090		Calacatta Vena Classico	3	18.56	36	668.02	6.0	2.88
USSP3030121		Crystal Vena	3	18.56	36	668.02	6.0	2.88
USSP3030122		Dark Vena	3	18.56	36	668.02	6.0	2.88
USSP3030110		Extra Vena	3	18.56	36	668.02	6.0	2.88
USSP3030116		Fantasy Bright	3	18.56	36	668.02	6.0	2.88
USSP3030117		Fantasy Cloud	3	18.56	36	668.02	6.0	2.88
USSP3030115		Fantasy Gold	3	18.56	36	668.02	6.0	2.88
USSP3030114		Marfil Vena	3	18.56	36	668.02	6.0	2.88
USP3030118		Napoleon Vena	3	18.56	36	668.02	6.0	2.88
USSP3030113		Paonazzetto Vena	3	18.56	36	668.02	6.0	2.88
USSP3030098		Travertino Vena	3	18.56	36	668.02	6.0	2.88
USP3030093		True Black	3	18.56	36	668.02	6.0	2.88
USP3030094		True White	3	18.56	36	668.02	6.0	2.88
30"x30" chrome	USSP3030091	Black Plane	3	18.56	36	668.02	6.0	2.88
	USSP3030092	Copper Plane	3	18.56	36	668.02	6.0	2.88
	USSP3030086	Silver Plane	3	18.56	36	668.02	6.0	2.88
	USSP3030087	White Plane	3	18.56	36	668.02	6.0	2.88

Packaging Information



SIZE	CODE	NAME	Piece	Piece sq.ft	CRATE Pcs	CRATE sq.ft	THICKNESS mm.	WEIGHT Lb/sq.ft
15"x30" honed	USH3015091	Black Plane	6	18.56	36	668.02	6.0	2.88
	USH3015090	Calacatta Vena Classico	6	18.56	36	668.02	6.0	2.88
	USH3015092	Copper Plane	6	18.56	36	668.02	6.0	2.88
	USH3015110	Extra Vena	6	18.56	36	668.02	6.0	2.88
	USH3015124	Golden Glamour Plane	6	18.56	36	668.02	6.0	2.88
	USH3015114	Marfil Vena	6	18.56	36	668.02	6.0	2.88
	USH3015123	White Sand	6	18.56	36	668.02	6.0	2.88
	USH3015086	Silver Plane	6	18.56	36	668.02	6.0	2.88
	USH3015098	Travertino Vena	6	18.56	36	668.02	6.0	2.88
	USH3015093	True Black	6	18.56	36	668.02	6.0	2.88
	USH3015094	True White	6	18.56	36	668.02	6.0	2.88
	USH3015087	White Plane	6	18.56	36	668.02	6.0	2.88
	15"x30" polished	USSP3015207	Zebrino Michelangelo	6	18.56	36	668.02	6.0
USSP3015090		Calacatta Vena Classico	6	18.56	36	668.02	6.0	2.88
USSP3015121		Crystal Vena	6	18.56	36	668.02	6.0	2.88
USSP3015122		Dark Vena	6	18.56	36	668.02	6.0	2.88
USSP3015110		Extra Vena	6	18.56	36	668.02	6.0	2.88
USSP3015116		Fantasy Bright	6	18.56	36	668.02	6.0	2.88
USSP3015117		Fantasy Cloud	6	18.56	36	668.02	6.0	2.88
USSP3015115		Fantasy Gold	6	18.56	36	668.02	6.0	2.88
USSP3015114		Marfil Vena	6	18.56	36	668.02	6.0	2.88
USP3015118		Napoleon Vena	6	18.56	36	668.02	6.0	2.88
USSP3015113		Paonazzetto Vena	6	18.56	36	668.02	6.0	2.88
USSP3015098		Travertino Vena	6	18.56	36	668.02	6.0	2.88
USP3015093		True Black	6	18.56	36	668.02	6.0	2.88
USP3015094	True White	6	18.56	36	668.02	6.0	2.88	
15"x30" chrome	USSP3015091	Black Plane	6	18.56	36	668.02	6.0	2.88
	USSP3015092	Copper Plane	6	18.56	36	668.02	6.0	2.88
	USSP3015086	Silver Plane	6	18.56	36	668.02	6.0	2.88
	USSP3015087	White Plane	6	18.56	36	668.02	6.0	2.88
12"x12" mosaico	USH12MH090	Calacatta Vena Classico	4	-	-	-	6.0	-
	USH12MH110	Extra Vena	4	-	-	-	6.0	-
	USH12MH114	Marfil Vena	4	-	-	-	6.0	-
	USH12MH098	Travertino Vena	4	-	-	-	6.0	-



IMPORTANT

All sizes are nominal
All Plane products are rectified

PHYSICAL PROPERTIES	ASTM TEST	INDUSTRY STANDARDS	STONEPEAK RESULTS
WATER ABSORPTION	C373	Impervious < 0.5%	≤ 0.1%
THICKNESS DIMENSION	C499	Range ± 0.04 Inc. Max.	≤ ± 0.04 Inc.
FACIAL DIMENSION	C499	± 0.25%	≤ ± 0.25%
WARPAGE AVERAGE DIAGONAL	C485	± 0.40%	≤ ± 0.40%
WARPAGE AVERAGE EDGE	C485	± 0.40%	≤ ± 0.40%
WEDGING	C502	± 0.25%	≤ ± 0.25%
BOND STRENGTH	C482	≥ 50 psi	≥ 200 psi
BREAKING STRENGTH	C648	≥ 250 lb.	≥ 350 lb.
HARDNESS (MOHS)	Scratch Test (Not regulated)	Range 0 - 10	≥ 7
VISIBLE ABRASION RESISTANCE	C1027	No Requirement, Range 0 - 5	Class 3 ÷ 4
DEEP ABRASION RESISTANCE FOR UN-GLAZE TILES	C1243	Impervious (Porcelain) Class P1: ≤ 175 mm	≤ 175 mm
FROST RESISTANCE	C1026	No sample must show alterations to surface	No evidence of damage
CHEMICAL RESISTANCE	C650	No Requirement, Range E - A	Class A
STAIN RESISTANCE	C1378	No Requirement, Range E - A	Class A*
DCOF	BOT 3000	≥ 0.42*	≥ 0.42 - ≤ 0.60*
AESTHETIC CLASSIFICATION	Visual Evaluation Shade & Texture	No Requirement, Range V0 - V4	V2 - V3
LIGHT REFLECTANCE VALUE (L.R.V.)	C609	No Requirement, Range 0 - 100	10 to 80 depending on style/color selection

*All values given are for matte or honed material. No values are given for polished material. StonePeak does not recommend polished surfaces in areas subject to exposure from grease, oil, or water.

We have taken every care to provide complete information in this document; this information should be used as a guide in the design, installation and care of StonePeak large porcelain panels. No warranty however implied or expressed, is given in relation to the procedures outlined in this technical information guide except that is required by industry standards.

StonePeak Ceramics assumes that the designers, fabricators and installers using our large porcelain panels are familiar with all aspects outlined in the information provided, and strictly adhere to the recommendations and specifications described herein and by ANSI industry standards. Any deviation from the recommended guidelines may result in the products not performing as expected, and may result in the warranty becoming null and void. Though every care and precaution has been taken in the preparation of this document, StonePeak Ceramics assumes no responsibility for errors and/or omissions, or for the damages resulting from the use of information hereby provided.

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For more information and to view our informative videos for handling / shipping, cutting / fabricating, floor and wall installations of our Plane collection – large porcelain panels, please visit our website

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