



Porcelain Tile Installation Guide

All information regarding subfloor selection and preparation and general job site conditions found on pages 4-10 must be considered, as well as the specific porcelain tile requirements, before proceeding with the installation.

Storage and Handling

Porcelain tile is shipped on pallets 47¹/₄" long by 31¹/₂" wide. Due to the variety of product sizes, the height of each pallet ranges from 20" to 37" and pallet weight varies from 1400 lbs. to 2800 lbs. Protect cartons from damage. Flooring products can be heavy and bulky. Be good to yourself and always use proper lifting techniques when handling these products.

Before starting the job, always check the flooring materials to ensure that they are the correct pattern, style, and color. Also, make sure that the size and amount of the products are sufficient to complete the installation. Inspect the materials closely before installation for any visible defects. Mannington Flooring products are manufactured to high-quality standards and are carefully inspected before leaving our facility. Occasionally, however, defects are not detected. If you notice a visible defect in the flooring product, stop the installation and contact your local Mannington Distributor for assistance.



NOTE: Mannington Floors will not pay labor charges on claims filed for materials installed with obvious visible defects.

Porcelain tile does not require special consideration regarding temperature or humidity during storage. In certain climates, it is common practice to store them outdoors.

Always protect cartons in storage from incidental damage from forklift or other traffic.

Job Site Conditions

The environment where flooring products are installed is critically important with regard to successful installation and continued performance of the flooring products. Mannington Porcelain should only be installed in areas with satisfactory lighting. The porcelain tile must be protected from foot traffic until fully grouted.

Porcelain tile may be installed outdoors, but be aware that certain extremes in temperature and humidity at the time of installation can adversely affect the thin set mortars and grouting materials. Use good judgment when installing outdoors.

Structural Requirements

The structural integrity of the job site is critical for a satisfactory flooring installation. The type and method of construction, grade level, and flooring system components all impact the installation of flooring products. Local building codes often set only minimum requirements for flooring systems. These minimum requirements may not provide sufficient rigidity for successful installation and continued performance of flooring products. Porcelain flooring products require that the subfloor system be free of deflection. Structural flooring systems are constructed of either concrete (or cementlike materials) or wood.

Four Key Considerations When Installing Porcelain Tile

Substrate Selection and Preparation

Substrate needs to be clean, smooth, dry and structurally sound.

- Clean: Subfloor must be free of all construction debris, dust, dirt and surface contaminants.

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- Smooth: Subfloor maximum tolerance of 1/4" flatness variation in 10 foot area.
- Dry: Subfloor must be dry to receive setting material.
- Structurally sound: Free of deflection or movement. Create a solid subfloor.
- For best results install a CBU over wood or wood composition subfloors

Select Proper Materials

- Choose best tile size, style and construction for optimum performance.
- Thin set mortars must meet or exceed ANSI 118.4/118.5 – latex modified thinset.
- Use crack isolation membranes for concrete substrates if necessary.
- Grout composition and color: refer to ANSI A 108.1.
- For countertop application, use epoxy grout.
- On floors, use sanded Portland cement grout.
- On walls, use non-sanded Portland cement grout.

Tile Setting Techniques

- Create a homogenous thin set consistency.
- Apply 100% mortar coverage on floor tile.
- Balance tile layout – for straight, true and square tile lines.
- Tile-cutting equipment must produce clean cuts. Mannington recommends using a wet saw blade designed for porcelain tile.

Proper Grouting Techniques

- Clean grout joints of excess mortar – minimum 2/3 tile deep.
- Grout must be evenly and consistently packed into tile joints.
- Grout must be smoothed and thoroughly cleaned to a haze-free finish.
- For rectified tile products Mannington recommends a grout width of no less than 1/16" per 2mm width.



NOTE: We recommend sanded grout for floor applications of rectified tile.

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Technical & Packaging Information – Mannington Porcelain Tile

Warranties

Mannington (Mannington Mills Inc.) warrants that its first choice production porcelain tile (tile) is manufactured in accordance with ANSI A137.1-1988 standards. In the event that it is established that the tile has a manufacturing defect resulting from it not being manufactured in accordance with the said standards, Mannington will furnish, free of charge, material for replacement of the defective tile of compatible color and shade as determined by Mannington. Mannington shall not be responsible for labor charges incurred for installing replacement material and such charges are excluded from this warranty.

Mannington makes no warranty as to the suitability of its tile for installation for any particular purpose or location and it does not warrant that its tile will not scratch, chip or show signs of wear.

Mannington specifically excludes liability for consequential or incidental damages resulting from breach of its warranty except where exclusion of consequential damages is not permitted by applicable State law.

This warranty is a limited warranty and shall constitute the full extent of Mannington's liability on its warranty. This warranty is in place of all other warranties, expressed or implied, including the implied warranty of merchantability and the implied warranty of fitness for a particular purpose.

To make claim under this warranty, Mannington must receive notification of the claim as soon as reasonably possible but in no event later than one year after the tile has been installed. Claims must be made by calling 1-800-FLOOR-US or in writing and sent by certified mail to Mannington addressed to: Mannington Mills, Inc., Customer Care Department, 75 Mannington Mills Road, Salem, New Jersey 08079.

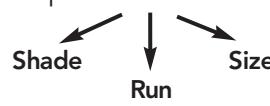
Claims concerning shade, appearance, caliber, finish or obvious defects in the tile must be communicated before the tile is installed. **No such claims will be accepted for tile that has been installed before Mannington receives a written claim sent by certified mail to Mannington addressed to: Mannington Mills, Inc., Customer Care Department, 75 Mannington Mills Road, Salem, New Jersey 08079.**

Carton Labeling

Shade: Two-digit code; maximum of 5 shades; target shade is 50.

48 – 49	50	51 – 52
Lighter	Target	Darker

Production Run Identification: Alpha character (A – Z) represents this.

Sequence:	XX	A	X	Example: 50A5
	Shade	Run	Size	

Size: One digit code; maximum of 5 calibrations per size; target caliber is 5.

3 – 4	5	6 – 7
Lighter	Target	Darker

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How To Read Full Carton Label:

ETOT13	WALNUT	50A6	1
Order Code, Color Code, & Tile Size	Color Name	Shade, Production Run & Caliber	First Quality



NOTE: Rectified tiles are all one size due to manufacturing process and will not have a caliber listing.



NOTE: Some lot listing methods on cartons will vary. Please contact customer service in Salem, NJ with any questions.

Trim Shapes Available



3" x 12" or 3" x 13"
Bullnose



5" x 5", 6" x 6", OR
6½" x 6½"
Bullnose



5" x 5", 6" x 6", OR
6½" x 6½"
Bullnose Corner



2¼" x 5", 2¼" x 6",
OR 2¼" x 6½"
V-Cap Countertop



Quarter Round
Beak



1" x 5", 1" x 6",
OR 1" x 6½"
Quarter Round



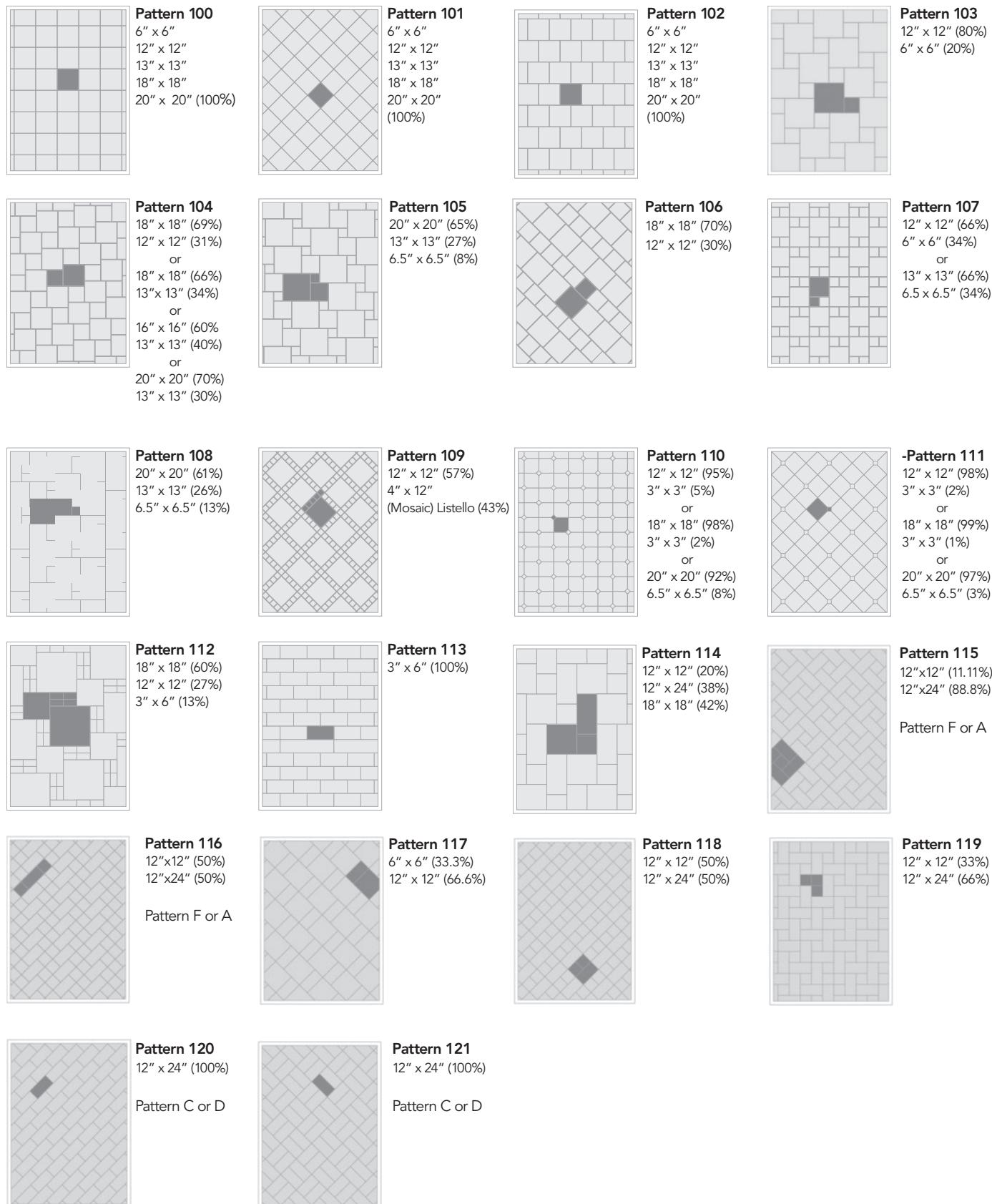
V-Cap
Corner



NOTE: Check trim shape availability in charts on page 114-130.

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Installation Patterns



Porcelain Tile Installation Guide (continued)

Product Availability

Accent Gallery

Pattern	Order Code	Color	Size	Lbs.	Sq. Ft. /Box	# Pieces /Box	# Boxes /Pallet	Sq. Ft. /Pallet
Field Tiles (Note: Weights have been rounded to nearest whole number)								
Accent Gallery	A00MMM	Beige Blend	Glass Mosaic 1" x 1"	34	10	10	36	360 ¹
	A01MMM	Coral Blend						
	A02MMM	Java Blend						
	A03MMM	Beige Blend	Glass Mosaic 2" x 2"	34	10	10	36	360 ¹
	A04MMM	Coral Blend						
	A05MMM	Java Blend						
	A06MMM	Brushed Stainless Steel	Metallic Mosaic 1" x 1"	30.8	11	11	48	528 ²
	A07MMM	Antique Copper						
	A08MMM	Brushed Stainless Steel	Metallic Mosaic 2" x 2"	33.0	11	11	48	528 ²
	A09MMM	Antique Copper						

Artistica ¹

Pattern	Order Code	Color	Size	Lbs.	Sq. Ft. /Box	# Pieces /Box	# Boxes /Pallet	Sq. Ft. /Pallet
Field Tiles (Note: Weights have been rounded to nearest whole number)								
Artistica	AS0T65	Patina Green	6.5 x 6.5	20	5.38	18	96	516.48
	AS1T65	Oyster White						
	AS2T65	Porcelain Beige						
	AS0T13	Patina Green	13 x 13	40	10.76	9	56	602.56
	AS1T13	Oyster White						
	AS2T13	Porcelain Beige						
	AS0T18	Patina Green	18 x 18	55	13.13	6	26	341.38
	AS1T18	Oyster White						
	AS2T18	Porcelain Beige						

Trim Pieces (Note: Weights have been rounded to nearest whole number)

Artistica	AS0BNH	Patina Green	3 x 13 Bullnose	5	n/a	6	185	n/a
	AS1BNH	Oyster White						
	AS2BNH	Porcelain Beige						
	AS0BND	Patina Green	6.5 x 6.5 Bullnose	4	n/a	4	225	225
	AS1BND	Oyster White						
	AS2BND	Porcelain Beige						
	AS0BNQ	Patina Green	6.5 x 6.5 Bullnose Corner	4	n/a	4	225	225
	AS1BNQ	Oyster White						
	AS2BNQ	Porcelain Beige						
	AS0VTJ	Patina Green	2.25 x 6 V-Cap	3	n/a	4	228	684
	AS1VTJ	Oyster White						
	AS2VTJ	Porcelain Beige						
	AS0VCL	Patina Green	2.25 x 1 V-Cap Corner	1	n/a	4	230	230
	AS1VCL	Oyster White						
	AS2VCL	Porcelain Beige						

Decos/Listelli (Note: Weights have been rounded to nearest whole number)

Artistica	ASCLIX	Marble Glass	2 x 13 Listello	3	n/a	6	n/a	n/a
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Porcelain Tile Installation Guide (continued)

Botticelli

Pattern	Order Code	Color	Size	Lbs.	Sq. Ft. /Box	# Pieces /Box	# Boxes /Pallet	Sq. Ft. /Pallet
Field Tiles (Note: Weights have been rounded to nearest whole number)								
Botticelli	BO0T12	Patina Green						
	BO1T12	Bisque	12 x 12	40	10.76	11	46	494.96
	BO2T12	Walnut						
Trim Pieces (Note: Weights have been rounded to nearest whole number)								
Botticelli	BO0BNG	Patina Green						
	BO1BNG	Bisque	3 x 12	5	n/a	6	165	n/a
	BO2BNG	Walnut	Bullnose					
Decos/Listelli (Note: Weights have been rounded to nearest whole number)								
Botticelli	BOMBDL*	Multi-Color	12 x 6 x 6 Triangle Border	3	n/a	4	110	n/a

Calabria

Pattern	Order Code	Color	Size	Lbs.	Sq. Ft. /Box	# Pieces /Box	# Boxes /Pallet	Sq. Ft. /Pallet
Field Tiles (Note: Weights have been rounded to nearest whole number)								
Calabria	CA0T12	Mineral Gray						
	CA1T12	Oyster White						
	CA2T12	Walnut	12 x 12	45	15.50	16	40	620.00
	CA3T12	Autumn Beige						
Calabria	CA0T18	Mineral Gray						
	CA1T18	Oyster White						
	CA2T18	Walnut	18 x 18	52	13.25	6	26	344.50
	CA3T18	Autumn Beige						
Trim Pieces (Note: Weights have been rounded to nearest whole number)								
Calabria	CA0BNG	Mineral Gray						
	CA1BNG	Oyster White						
	CA2BNG	Walnut	3 x 12	5	n/a	6	165	n/a
	CA3BNG	Autumn Beige	Bullnose					

1 Glass mosaics include natural stone which should be sealed periodically to reduce the potential for staining.
 2 Metallic mosaics recommended for wall installations only.

Starting in 2007 decos/listelli are available for purchase by the piece pursuant to the guidelines of Manningtons "Job Pack" program

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Carmel

Pattern	Order Code	Color	Size	Lbs.	Sq. Ft. /Box	# Pieces /Box	# Boxes /Pallet	Sq. Ft. /Pallet
Field Tiles (Note: Weights have been rounded to nearest whole number)								
Carmel	CR0T12	Ivory						
	CR1T12	Porcelain Beige						
	CR2T12	Walnut	12 x 12	40	10.76	11	46	494.96
	CR3T12	Anthracite						
	CR0T24	Ivory						
	CR1T24	Porcelain Beige						
	CR2T24	Walnut	12 x 24	51	11.63	6	40	465.20
	CR3T24	Anthracite						
	CR0T18	Ivory						
	CR1T18	Porcelain Beige						
	CR2T18	Walnut	18 x 18	66	15.26	7	48	732.48
	CR3T18	Anthracite						
Trim Pieces (Note: Weights have been rounded to nearest whole number)								
Carmel	CR0BNG	Ivory						
	CR1BNG	Porcelain Beige						
	CR2BNG	Walnut	3 x 12 Bullnose	5	n/a	6	301	n/a
	CR3BNG	Anthracite						
Decos/Listelli (Note: Weights have been rounded to nearest whole number)								
Carmel	CR0MMM	Ivory						
	CR1MMM	Porcelain Beige						
	CR2MMM	Walnut	Mosaic 12 x 17.4	46	n/a	11	24	382.8
	CR3MMM	Anthracite						
	CRBMLM	Metallic	Listello 1 x 12	1	n/a	6	42	n/a

Diana

Pattern	Order Code	Color	Size	Lbs.	Sq. Ft. /Box	# Pieces /Box	# Boxes /Pallet	Sq. Ft. /Pallet
Field Tiles (Note: Weights have been rounded to nearest whole number)								
Diana	DN0T13	Walnut						
	DN1T13	Beige						
	DN2T13	Ivory	13 x 13	53	15.61	13	46	718.06
	DN3T13	Gold						
	DN0T20	Walnut						
	DN1T20	Beige						
	DN2T20	Ivory	20 x 20	64	16.15	6	24	387.60
	DN3T20	Gold						
Trim Pieces (Note: Weights have been rounded to nearest whole number)								
Diana	DN0BNH	Walnut						
	DN1BNH	Beige						
	DN2BNH	Ivory	3 x 13 Bullnose	5	n/a	6	165	n/a
	DN3BNH	Gold						
Decos/Listelli (Note: Weights have been rounded to nearest whole number)								
Diana	DNMLIA	Multi-Color	3 x 13 Border	6	n/a	6	165	n/a
	DNCMCP	Multi-Color	3 x 3 Corner	1	n/a	4	1386	n/a

Porcelain Tile Installation Guide (continued)

Donatello

Pattern	Order Code	Color	Size	Lbs.	Sq. Ft. /Box	# Pieces /Box	# Boxes /Pallet	Sq. Ft. /Pallet
Field Tiles (Note: Weights have been rounded to nearest whole number)								
Donatello	DO0T06	Persian Blue	6 x 6	38	9.69	40	51	494.19
	DO1T06	Walnut	6 x 6	33	9.69	40	51	494.19
	DO2T06	Patina Green	6 x 6	38	9.69	40	51	494.19
	DO3T06	Porcelain Beige	6 x 6	33	9.69	40	51	494.19
	DO4T06	Oyster White	6 x 6	33	9.69	40	51	494.19
	DO0T12	Persian Blue	12 x 12	43	13.46	13	48	646.08
	DO1T12	Walnut	12 x 12	47	12.59	13	48	604.32
	DO2T12	Patina Green	12 x 12	43	13.46	13	48	646.08
	DO3T12	Porcelain Beige	12 x 12	43	12.59	13	48	604.32
	DO4T12	Oyster White	12 x 12	47	12.59	13	48	604.32
Trim Pieces (Note: Weights have been rounded to nearest whole number)								
Donatello	DO0BNG	Persian Blue						
	DO1BNG	Walnut						
	DO2BNG	Patina Green	3 x 12 Bullnose	5	n/a	6	165	n/a
	DO3BNG	Porcelain Beige						
	DO4BNG	Oyster White						
	DO0BNC	Persian Blue						
	DO1BNC	Walnut						
	DO2BNC	Patina Green	6 x 6 Bullnose	4	n/a	4	225	n/a
	DO3BNC	Porcelain Beige						
	DO4BNC	Oyster White						
Donatello	DO0BCE	Persian Blue						
	DO1BCE	Walnut	6 x 6					
	DO2BCE	Patina Green	Bullnose	4	n/a	4	225	n/a
	DO3BCE	Porcelain Beige	Corner					
	DO4BCE	Oyster White						
	DO0VTI	Persian Blue						
	DO1VTI	Walnut	2.25 x 6					
	DO2VTI	Patina Green	V-Cap	3	n/a	4	288	n/a
	DO3VTI	Porcelain Beige	Countertop					
	DO4VTI	Oyster White						
Donatello	DO0VCL	Persian Blue						
	DO1VCL	Walnut	2.25 x 1					
	DO2VCL	Patina Green	V-Cap	1	n/a	4	330	n/a
	DO3VCL	Porcelain Beige	Corner					
	DO4VCL	Oyster White						
	DO0QRM	Persian Blue						
	DO1QRM	Walnut	1 x 6					
	DO2QRM	Patina Green	Quarter	2	n/a	4	1104	n/a
	DO3QRM	Porcelain Beige	Round					
	DO4QRM	Oyster White						

Porcelain Tile Installation Guide (continued)

Donatello (continued)

Pattern	Order Code	Color	Size	Lbs.	Sq. Ft. /Box	# Pieces /Box	# Boxes /Pallet	Sq. Ft. /Pallet
Trim Pieces (Note: Weights have been rounded to nearest whole number)								
	DO0QBP	Persian Blue						
	DO1QBP	Walnut	1 x 1					
	DO2QBP	Patina Green	Quarter	1	n/a	4	330	n/a
	DO3QBP	Porcelain Beige	Round Beak					
	DO4QBP	Oyster White						
Decos/Listelli (Note: Weights have been rounded to nearest whole number)								
Donatello	DOMLID	Multi-Color	5.5 x 12 Listello	8	n/a	6	77	n/a
	DOMMCQ	Multi-Color	4.25 x 8 Corner	1	n/a	4	1386	n/a
	DOMWLI	Multi-Color	2.25 x 6 Wall Listello	2	n/a	6	245	n/a
	DOMMCN	Multi-Color	2.25 x 4 Wall Corner	2	n/a	4	133	n/a

Fra Angelico

Pattern	Order Code	Color	Size	Lbs.	Sq. Ft. /Box	# Pieces /Box	# Boxes /Pallet	Sq. Ft. /Pallet
Field Tiles (Note: Weights have been rounded to nearest whole number)								
Fra Angelico	FA0T13	Bisque						
	FA1T13	Porcelain Beige	13 x 13	53	15.61	13	46	718.06
	FA2T13	Sand						
Fra Angelico	FA0T20	Bisque						
	FA1T20	Porcelain Beige	20 x 20	64	16.15	6	24	387.6
	FA2T20	Sand						
Trim Pieces (Note: Weights have been rounded to nearest whole number)								
Fra Angelico	FA0BNH	Bisque						
	FA1BNH	Porcelain Beige	3 x 13 Bullnose	5	n/a	6	165	n/a
	FA2BNH	Sand						

Porcelain Tile Installation Guide (continued)

Garda

Pattern	Order Code	Color	Size	Lbs.	Sq. Ft. /Box	# Pieces /Box	# Boxes /Pallet	Sq. Ft. /Pallet
Field Tiles (Note: Weights have been rounded to nearest whole number)								
Garda	GD0T06	Firestone	6 x 6	49	12.92	52	60	775.20
	GD1T06	Pinecone						
	GD2T06	Walnut						
	GD3T06	Beige						
	GD0T12	Firestone	12 x 12	55	14.53	15	40	581.20
	GD1T12	Pinecone						
	GD2T12	Walnut						
	GD3T12	Beige						
	GD0T18	Firestone	18 x 18	47	10.87	5	34	369.58
	GD1T18	Pinecone						
	GD2T18	Walnut						
	GD3T18	Beige						
Trim Pieces (Note: Weights have been rounded to nearest whole number)								
Garda	GD0BNG	Firestone	3 x 12	5	n/a	6	165	n/a
	GD1BNG	Pinecone						
	GD2BNG	Walnut						
	GD3BNG	Beige						
	GD0BNC	Firestone	6 x 6	4	n/a	4	225	n/a
	GD1BNC	Pinecone						
	GD2BNC	Walnut						
	GD3BNG	Beige						
	GD0BNQ	Firestone	6 x 6	4	n/a	4	225	n/a
	GD1BNQ	Pinecone						
	GD2BNQ	Walnut						
	GD3BNG	Beige						
Garda	GD0VT1	Firestone	2.25 x 6	3	n/a	4	288	n/a
	GD1VT1	Pinecone						
	GD2VT1	Walnut						
	GD3VT1	Beige						
	GD0VCL	Firestone	V-Cap	1	n/a	4	330	n/a
	GD1VCL	Pinecone						
	GD2VCL	Walnut						
	GD3VCL	Beige						
Decos/Listelli (Note: Weights have been rounded to nearest whole number)								
Garda	GDCINO	Copper	3 x 3 Insert	1	n/a	4	1386	n/a

Porcelain Tile Installation Guide (continued)

Lipari

Pattern	Order Code	Color	Size	Lbs.	Sq. Ft. /Box	# Pieces /Box	# Boxes /Pallet	Sq. Ft. /Pallet
Field Tiles (Note: Weights have been rounded to nearest whole number)								
Lipari	LP0T13	Patina Green	13 x 13	54	13.13	11	44	577.72
	LP1T13	Mineral Gray						
	LP2T13	Venetian Gray						
	LP3T13	Porcelain Beige						
	LP0T18	Patina Green	18 x 18	51	12.92	6	34	439.28
	LP1T18	Mineral Gray						
	LP2T18	Venetian Gray						
	LP3T18	Porcelain Beige						
Trim Pieces (Note: Weights have been rounded to nearest whole number)								
Lipari	LP0BNH	Patina Green	3 x 13 Bullnose	5	n/a	6	165	n/a
	LP1BNH	Mineral Gray						
	LP2BNH	Venetian Gray						
	LP3BNH	Porcelain Beige						

Masseria

Pattern	Order Code	Color	Size	Lbs.	Sq. Ft. /Box	# Pieces /Box	# Boxes /Pallet	Sq. Ft. /Pallet
Field Tiles (Note: Weights have been rounded to nearest whole number)								
Masseria	MA0T05	Mineral Gray	5 x 5	47	12.38	72	60	742.98
	MA1T05	Bisque						
	MA2T05	Oyster White						
	MA3T05	Silver Pine						
	MA0T12	Mineral Gray	12 x 12	54	14.53	15	40	581.20
	MA1T12	Bisque						
	MA2T12	Oyster White						
	MA3T12	Silver Pine						
Trim Pieces (Note: Weights have been rounded to nearest whole number)								
Masseria	MA0BNG	Mineral Gray	3 x 12 Bullnose	5	n/a	6	165	n/a
	MA1BNG	Bisque						
	MA2BNG	Oyster White						
	MA3BNG	Silver Pine						
	MA0BNA	Mineral Gray	5 x 5 Bullnose	4	n/a	4	225	n/a
	MA1BNA	Bisque						
	MA2BNA	Oyster White						
	MA3BNA	Silver Pine						
Masseria	MA0BCB	Mineral Gray	5 x 5 Bullnose	4	n/a	4	225	n/a
	MA1BCB	Bisque						
	MA2BCB	Oyster White						
	MA3BCB	Silver Pine						
	MA0VTK	Mineral Gray	2.25 x 5 V-Cap	1	n/a	4	228	n/a
	MA1VTK	Bisque						
	MA2VTK	Oyster White						
	MA3VTK	Silver Pine						

Porcelain Tile Installation Guide (continued)

Masseria (continued)

Pattern	Order Code	Color	Size	Lbs.	Sq. Ft. /Box	# Pieces /Box	# Boxes /Pallet	Sq. Ft. /Pallet
Trim Pieces (Note: Weights have been rounded to nearest whole number) – continued								
Masseria	MA0VCL	Mineral Gray	2.25 x 1					
	MA1VCL	Bisque	V-Cap	1	n/a	4	330	n/a
	MA2VCL	Oyster White	Corner					
	MA3VCL	Silver Pine						
	MA0QRM	Mineral Gray	1 x 5					
	MA1QRM	Bisque	Quarter	1	n/a	4	1104	n/a
	MA2QRM	Oyster White	Round					
	MA3QRM	Silver Pine						
	MA0QBP	Mineral Gray	1 x 1					
	MA1QBP	Bisque	Quarter	1	n/a	4	330	n/a
	MA2QBP	Oyster White	Round					
	MA3QBP	Silver Pine	Beak					
Decos/Listelli (Note: Weights have been rounded to nearest whole number)								
Masseria	MAMLIB	Multi-Color	4 x 12 Listello	7	2.00	6	90	n/a
	MAMLIV	Multi-Color	4 x 4 Corner	2	n/a	4	420	n/a

Monterey

Pattern	Order Code	Color	Size	Lbs.	Sq. Ft. /Box	# Pieces /Box	# Boxes /Pallet	Sq. Ft. /Pallet
Field Tiles (Note: Weights have been rounded to nearest whole number)								
Monterey	MT0T06	Ivory						
	MT1T06	Beige	6 x 6	49	12.92	52	60	775.2
	MT2T06	Walnut						
	MT0T12	Ivory						
	MT1T12	Beige	12 x 12	55	14.53	15	40	581.20
	MT2T12	Walnut						
	MT0T18	Ivory						
	MT1T18	Beige	18 x 18	47	10.87	5	34	369.58
	MT2T18	Walnut						
	Trim Pieces (Note: Weights have been rounded to nearest whole number)							
	MT0BNG	Ivory						
	MT1BNG	Beige	3 x 12 Bullnose	6	n/a	6	165	n/a
	MT2BNG	Walnut						
Monterey	MT0BNC	Ivory						
	MT1BNC	Beige	6 x 6 Bullnose	4	n/a	4	225	n/a
	MT2BNC	Walnut						
	MT0BNQ	Ivory	6 x 6					
	MT1BNQ	Beige	Bullnose	4	n/a	4	225	n/a
	MT2BNQ	Walnut	Corner					

Porcelain Tile Installation Guide (continued)

Monterey (continued)

Pattern	Order Code	Color	Size	Lbs.	Sq. Ft. /Box	# Pieces /Box	# Boxes /Pallet	Sq. Ft. /Pallet
Decos/Listelli (Note: Weights have been rounded to nearest whole number)								
Monterey	MT0MMM	Ivory	Mosaic 2 x 2	41	n/a	11	42	n/a
	MT1MMM	Beige						
	MT2MMM	Walnut						
	MT3MMM	Multi-Color						
	MT0MDM	Ivory	Diamond Mosaic	41	n/a	11	42	n/a
	MT1MDM	Beige						
	MT2MDM	Walnut						
	MTMLIM	Multi-Color	2 x 12 Listello	4	n/a	6	45	n/a

Opera

Pattern	Order Code	Color	Size	Lbs.	Sq. Ft. /Box	# Pieces /Box	# Boxes /Pallet	Sq. Ft. /Pallet
Field Tiles (Note: Weights have been rounded to nearest whole number)								
Opera	OP0T13	Persian Blue	13 x 13	39	10.76	9	62	667.12
	OP1T13	Patina Green						
	OP2T13	Walnut						
	OP3T13	Oyster White						
Trim Pieces (Note: Weights have been rounded to nearest whole number)								
Opera	OP0BNH	Persian Blue	3 x 13 Bullnose	5.3	n/a	6	301	n/a
	OP1BNH	Patina Green						
	OP2BNH	Walnut						
	OP3BNH	Oyster White						
Decos/Listelli (Note: Weights have been rounded to nearest whole number)								
Opera	OPMLIE	Multi-Color	3 x 13 Listello	6	n/a	6	165	n/a
	OPMMCP	Multi-Color						

Porcelain Tile Installation Guide (continued)

Parma

Pattern	Order Code	Color	Size	Lbs.	Sq. Ft. /Box	# Pieces /Box	# Boxes /Pallet	Sq. Ft. /PalletField
Tiles (Note: Weights have been rounded to nearest whole number)								
Parma	PA0T65	Walnut						
	PA1T65	Bisque						
	PA2T65	Sand	6.5 x 6.5	48	14.64	50	48	702.72
	PA3T65	Porcelain Beige						
	PA0T13	Walnut						
	PA1T13	Bisque						
	PA2T13	Sand	13 x 13	58	16.68	14	42	700.56
	PA3T13	Porcelain Beige						
	PA0T20	Walnut						
	PA1T20	Bisque						
	PA2T20	Sand	20 x 20	70	16.15	6	24	387.60
	PA3T20	Porcelain Beige						
Trim Pieces (Note: Weights have been rounded to nearest whole number)								
Parma	PA0BNH	Walnut						
	PA1BNH	Bisque						
	PA2BNH	Sand	3 x 13 Bullnose	5	n/a	6	165	n/a
	PA3BNH	Porcelain Beige						
	PA0BND	Walnut						
	PA1BND	Bisque						
	PA2BND	Sand	6.5 x 6.5 Bullnose	4	n/a	4	225	n/a
	PA3BND	Porcelain Beige						
	PA0BCF	Walnut						
	PA1BCF	Bisque						
	PA2BCF	Sand	6.5 x 6.5 Bullnose	4	n/a	4	225	n/a
	PA3BCF	Porcelain Beige	Corner					
Parma	PA0VTJ	Walnut						
	PA1VTJ	Bisque						
	PA2VTJ	Sand	2.25 x 6.5 V-Cap	3	n/a	4	228	n/a
	PA3VTJ	Porcelain Beige	Countertop					
	PA0VCL	Walnut						
	PA1VCL	Bisque						
	PA2VCL	Sand	2.25 x 1 V-Cap	1	n/a	4	330	n/a
	PA3VCL	Porcelain Beige	Corner					
	PA0QRN	Walnut						
	PA1QRN	Bisque						
	PA2QRN	Sand	1 x 6.5 Quarter	2	n/a	4	1104	n/a
	PA3QRN	Porcelain Beige	Round					
Parma	PA0QBP	Walnut						
	PA1QBP	Bisque						
	PA2QBP	Sand	1 x 1 Quarter	1	n/a	4	330	n/a
	PA3QBP	Porcelain Beige	Round					
			Beak					
Decos/Listelli (Note: Weights have been rounded to nearest whole number)								
Parma	PAMLIV	Multi-Color	4.25 x 13 Border	10	n/a	6	90	n/a
	PAMMCP	Multi-Color	4.25 x 4.25 Corner	3	n/a	4	420	n/a

Porcelain Tile Installation Guide (continued)

Perugia

Pattern	Order Code	Color	Size	Lbs.	Sq. Ft. /Box	# Pieces /Box	# Boxes /Pallet	Sq. Ft. /Pallet
Field Tiles (Note: Weights have been rounded to nearest whole number)								
Perugia	PG0T06	Mineral Gray						
	PG1T06	Gold Coast						
	PG2T06	Sand	6 x 6	44	12.92	52	60	775.20
	PG3T06	Bisque						
	PG4T06	Sandalwood						
	PG0T12	Mineral Gray						
	PG1T12	Gold Coast						
	PG2T12	Sand	12 x 12	58	14.53	15	40	581.20
	PG3T12	Bisque						
	PG4T12	Sandalwood						
	PG0T18	Mineral Gray						
	PG1T18	Gold Coast						
	PG2T18	Sand	18 x 18	50	10.87	5	34	369.68
	PG3T18	Bisque						
	PG4T18	Sandalwood						
Trim Pieces (Note: Weights have been rounded to nearest whole number)								
Perugia	PG0BNG	Mineral Gray						
	PG1BNG	Gold Coast						
	PG2BNG	Sand	3 x 12 Bullnose	5	n/a	6	165	n/a
	PG3BNG	Bisque						
	PG4BNG	Sandalwood						
	PG0BNC	Mineral Gray						
	PG1BNC	Gold Coast						
	PG2BNC	Sand	6 x 6 Bullnose	4	n/a	4	225	n/a
	PG3BNC	Bisque						
	PG4BNC	Sandalwood						
	PG0BCE	Mineral Gray						
	PG1BCE	Gold Coast	6 x 6					
	PG2BCE	Sand	Bullnose	4	n/a	4	225	n/a
	PG3BCE	Bisque	Corner					
	PG4BCE	Sandalwood						
Perugia	PG0VTI	Mineral Gray						
	PG1VTI	Gold Coast	2.25 x 6					
	PG2VTI	Sand	V-Cap	3	n/a	4	288	n/a
	PG3VTI	Bisque	Countertop					
	PG4VTI	Sandalwood						
Perugia	PG0VCL	Mineral Gray						
	PG1VCL	Gold Coast	2.25 x 1					
	PG2VCL	Sand	V-Cap	1	n/a	4	330	n/a
	PG3VCL	Bisque	Corner					
	PG4VCL	Sandalwood						
Perugia	PG0QRM	Mineral Gray						
	PG1QRM	Gold Coast	1 x 6					
	PG2QRM	Sand	Quarter	2	n/a	4	1104	n/a
	PG3QRM	Bisque	Round					
	PG4QRM	Sandalwood						

Porcelain Tile Installation Guide (continued)

Perugia (continued)

Pattern	Order Code	Color	Size	Lbs.	Sq. Ft. /Box	# Pieces /Box	# Boxes /Pallet	Sq. Ft. /Pallet
Trim Pieces (Note: Weights have been rounded to nearest whole number)								
Perugia	PG0QBP	Mineral Gray	1 x 1					
	PG1QBP	Gold Coast	Quarter					
	PG2QBP	Sand	Round	1	n/a	4	330	n/a
	PG3QBP	Bisque	Beak					
	PG4QBP	Sandalwood						
Decos/Listelli (Note: Weights have been rounded to nearest whole number)								
Perugia	PGBBDJ	Gold Coast	3 x 12 Border	6	2.00	6	220	n/a
	PGGBDJ	Mineral Gray						
	PGBINO	Gold Coast	3 x 3 Insert	1	0.25	4	1386	n/a
	PGGINO	Mineral Gray						
	PGMINO	Metallic	3 x 3 Insert	1	0.25	4	1386	n/a

Pietra

Pattern	Order Code	Color	Size	Lbs.	Sq. Ft. /Box	# Pieces /Box	# Boxes /Pallet	Sq. Ft. /Pallet
Field Tiles (Note: Weights have been rounded to nearest whole number)								
Pietra	PE0T65	Oyster White						
	PE1T65	Porcelain Beige	6.5 x 6.5	37	10.76	36	72	774.72
	PE2T65	Adobe Sunset						
	PE0T13	Oyster White						
	PE1T13	Porcelain Beige	13 x 13	39	10.76	9	62	667.12
	PE2T13	Adobe Sunset						
Pietra	PE0T18	Oyster White						
	PE1T18	Porcelain Beige	18 x 18	67.10	15.25	7	48	732.11
	PE2T18	Adobe Sunset						
	PE0W13	Oyster White	10 x 13					
	PE1W13	Porcelain Beige	Wall Tile	29	10.76	12	69	742.44
	PE2W13	Adobe Sunset						
Trim Pieces (Note: Weights have been rounded to nearest whole number)								
Pietra	PE0BND	Oyster White						
	PE1BND	Porcelain Beige	6.5 x 6.5					
	PE2BND	Adobe Sunset	Bullnose	4	n/a	4	500	n/a
	PE0BCF	Oyster White	6.5 x 6.5					
	PE1BCF	Porcelain Beige	Double					
	PE2BCF	Adobe Sunset	Bullnose	4	n/a	4	500	n/a
Pietra	PE0VTJ	Oyster White						
	PE1VTJ	Porcelain Beige	2.35 x 6.5					
	PE2VTJ	Adobe Sunset	V-Cap	3	n/a	4	228	n/a
	PE0VCL	Oyster White	2.35 x 1.55					
	PE1VCL	Porcelain Beige	V-Cap	1	n/a	4	330	n/a
	PE2VCL	Adobe Sunset	Corner					
Pietra	PE0QRN	Oyster White	1 x 6.5					
	PE1QRN	Porcelain Beige	Quarter	2	n/a	4	1104	n/a
	PE2QRN	Adobe Sunset	Round					

Porcelain Tile Installation Guide (continued)

Pietra (continued)

Pattern	Order Code	Color	Size	Lbs.	Sq. Ft. /Box	# Pieces /Box	# Boxes /Pallet	Sq. Ft. /Pallet
Trim Pieces (Note: Weights have been rounded to nearest whole number)								
Pietra	PE0QPB	Oyster White	1 x 1					
	PE1QPB	Porcelain Beige	Quarter Round	1	n/a	4	330	n/a
	PE2QPB	Adobe Sunset	Beak					
	PE0BNH	Oyster White	3.2 x 13					
	PE1BNH	Porcelain Beige	Bullnose	5.30	n/a	6	301	n/a
	PE2BNH	Adobe Sunset						
	PE0BNS	Oyster White	3 x 10					
	PE1BNS	Porcelain Beige	Wall Bullnose	7	n/a	12	88	n/a
	PE2BNS	Adobe Sunset						
	PE0BNR	Oyster White	3 x 3					
	PE1BNR	Porcelain Beige	Wall Bullnose	1	n/a	6	400	n/a
	PE2BNR	Adobe Sunset	Corner					
Decos/Listelli (Note: Weights have been rounded to nearest whole number)								
Pietra	PE0MMM	Oyster White						
	PE1MMM	Porcelain Beige						
	PE2MMM	Adobe Sunset	13 x 13	33.25	n/a	9	42	n/a
	PE3MMM	Multi-Color	Mosaic					

Rustica

Pattern	Order Code	Color	Size	Lbs.	Sq. Ft. /Box	# Pieces /Box	# Boxes /Pallet	Sq. Ft. /Pallet
Field Tiles (Note: Weights have been rounded to nearest whole number)								
Rustica	RU0T03	Oyster White						
	RU1T03	Walnut						
	RU2T03	Beige	3 x 6	24	6.35	52	85	539.75
	RU3T03	Taupe						
	RU0T06	Oyster White						
	RU1T06	Walnut						
	RU2T06	Beige	6 x 6	24	6.35	26	95	603.25
	RU3T06	Taupe						
	RU0T12	Oyster White						
	RU1T12	Walnut						
	RU2T12	Beige	12 x 12	48	12.59	13	38	478.42
	RU3T12	Taupe						
	RU0T18	Oyster White						
	RU1T18	Walnut						
	RU2T18	Beige	18 x 18	62	15.28	7	22	336.16
	RU3T18	Taupe						

Porcelain Tile Installation Guide (continued)

Rustica (continued)

Pattern	Order Code	Color	Size	Lbs.	Sq. Ft. /Box	# Pieces /Box	# Boxes /Pallet	Sq. Ft. /Pallet
Trim Pieces (Note: Weights have been rounded to nearest whole number)								
Rustica	RU0BNG	Oyster White						
	RU1BNG	Walnut	3 x 12					
	RU2BNG	Beige	Bullnose	6	n/a	6	152	n/a
	RU3BNG	Taupe						
	RU0BNC	Oyster White						
	RU1BNC	Walnut	6 x 6					
	RU2BNC	Beige	Bullnose	5	n/a	6	175	n/a
	RU3BNC	Taupe						
	RU0BNQ	Oyster White						
	RU1BNQ	Walnut	6 x 6					
	RU2BNQ	Beige	Double Bullnose	3	n/a	4	140	n/a
	RU3BNQ	Taupe						
	RU0VTI	Oyster White						
	RU1VTI	Walnut	2.25 x 6					
	RU2VTI	Beige	V-Cap	4	n/a	4	n/a	n/a
	RU3VTI	Taupe	Countertop					
	RU0VCL	Oyster White						
	RU1VCL	Walnut	2.25 x 1					
	RU2VCL	Beige	V-Cap	4	n/a	4	n/a	n/a
	RU3VCL	Taupe	Countertop					
Decos/Listelli (Note: Weights have been rounded to nearest whole number)								
Rustica	RUMLIR	Multi-Color	3 x 12 Deco	6	1.45	6	220	319.00

Savona

Pattern	Order Code	Color	Size	Lbs.	Sq. Ft. /Box	# Pieces /Box	# Boxes /Pallet	Sq. Ft. /Pallet
Field Tiles (Note: Weights have been rounded to nearest whole number)								
Savona	SA0T13	Walnut						
	SA1T13	Bisque						
	SA2T13	Oyster White	13 x 13	39	10.76	9	62	667.12
	SA3T13	Antique Beige						
	SA0T18	Walnut						
	SA1T18	Bisque						
	SA2T18	Oyster White	18 x 18	67.10	15.25	7	48	732.00
	SA3T18	Antique Beige						
Trim Pieces (Note: Weights have been rounded to nearest whole number)								
Savona	SA0BNH	Walnut						
	SA1BNH	Bisque						
	SA2BNH	Oyster White	3 x 13					
	SA3BNH	Antique Beige	Bullnose	5.30	n/a	6	301	n/a
Decos/Listelli (Note: Weights have been rounded to nearest whole number)								
Savona	SAMLIA	Multi-Color	3.25 x 13 Listello	5	n/a	6	165	n/a
	SACMCP	Multi-Color	3.25 x 3.25 Corner	1	n/a	4	1386	n/a

Porcelain Tile Installation Guide (continued)

Tempest

Pattern	Order Code	Color	Size	Lbs.	Sq. Ft. /Box	# Pieces /Box	# Boxes /Pallet	Sq. Ft. /Pallet
Field Tiles (Note: Weights have been rounded to nearest whole number)								
Tempest	TP0T65	Sangria Sunset						
	TP1T65	Sand Dune						
	TP2T65	Granite Coast	6.5 x 6.5	36.76	10.76	36	72	774.72
	TP3T65	Brownstone						
	TP0T13	Sangria Sunset						
	TP1T13	Sand Dune						
	TP2T13	Granite Coast	13 x 3	37.53	10.76	9	62	667.12
	TP3T13	Brownstone						
	TP0T18	Sangria Sunset						
	TP1T18	Sand Dune						
	TP2T18	Granite Coast	18 x 18	59.89	15.25	7	52	793
	TP3T18	Brownstone						
Tempest	TP0BNH	Sangria Sunset						
	TP1BNH	Sand Dune						
	TP2BNH	Granite Coast	3 x 13 Bullnose	6.08	n/a	6	6	n/a
	TP3BNH	Brownstone						
	TP0BND	Sangria Sunset						
	TP1BND	Sand Dune	6.5 x 6.5					
	TP2BND	Granite Coast	Bullnose	4.32	n/a	4	72	n/a
	TP3BND	Brownstone						
	TP0BCF	Sangria Sunset						
	TP1BCF	Sand Dune	6.5 x 6.5					
Tempest	TP2BCF	Granite Coast	Bullnose Corner	4.32	n/a	4	72	n/a
	TP3BCF	Brownstone						
	TP0MMM	Sangria Sunset						
	TP1MMM	Sand Dune						
	TP2MMM	Granite Coast	2 x 2 Mosaic	31.95	n/a	9	42	n/a
	TP3MMM	Brownstone						
	TP0DEC	Sangria Sunset						
	TP1DEC	Sand Dune	2 x 6.5 Listello	6.6	n/a	20	168	n/a
	TP0DCC	Sangria Sunset						
	TP1DCC	Sand Dune	2 x 2 Listello Corner	1.65	n/a	16	34	n/a

Porcelain Tile Installation Guide (continued)

Tuscan Valley

Pattern	Order Code	Color	Size	Lbs.	Sq. Ft. /Box	# Pieces /Box	# Boxes /Pallet	Sq. Ft. /Pallet
Field Tiles (Note: Weights have been rounded to nearest whole number)								
Tuscan Valley	TV0T03	Adobe Sunset						
	TV1T03	Porcelain Beige						
	TV2T03	Oyster White	3 x 6	25	7.51	62	85	638.35
	TV3T03	Sandalwood						
	TV0T06	Adobe Sunset						
	TV1T06	Porcelain Beige						
	TV2T06	Oyster White	6 x 6	25	7.51	31	95	713.45
	TV3T06	Sandalwood						
	TV0T12	Adobe Sunset						
	TV1T12	Porcelain Beige						
	TV2T12	Oyster White	12 x 12	51	14.53	15	38	552.14
	TV3T12	Sandalwood						
Trim Pieces (Note: Weights have been rounded to nearest whole number)								
Tuscan Valley	TV0BNG	Adobe Sunset						
	TV1BNG	Porcelain Beige						
	TV2BNG	Oyster White	3 x 12					
	TV3BNG	Sandalwood	Bullnose	5	n/a	6	165	n/a
	TV0BNC	Adobe Sunset						
	TV1BNC	Porcelain Beige						
	TV2BNC	Oyster White	6 x 6					
	TV3BNC	Sandalwood	Bullnose	5	n/a	6	175	n/a
	TV0BNQ	Adobe Sunset						
	TV1BNQ	Porcelain Beige	6 x 6					
	TV2BNQ	Oyster White	Bullnose					
	TV3BNQ	Sandalwood	Corner	3	n/a	4	140	n/a
Tuscan Valley	TV0VCI	Adobe Sunset						
	TV1VCI	Porcelain Beige						
	TV2VCI	Oyster White	2.25 x 6					
	TV3VCI	Sandalwood	V-Cap					
	TV0VCL	Adobe Sunset						
	TV1VCL	Porcelain Beige	2.25 x 1					
	TV2VCL	Oyster White	V-Cap					
	TV3VCL	Sandalwood	Countertop	1	n/a	4	330	n/a
	TV0MLR	Multi-Color						
	TV1MLR							
	TV2MLR							
	TV3MLR							
Decos/Listelli (Note: Weights have been rounded to nearest whole number)								
Tuscan Valley	TVMLIR	Multi-Color	3 x 12					
			Listello	5	1.37	6	220	n/a

Porcelain Tile Installation Guide (continued)

Vesuvio

Pattern	Order Code	Color	Size	Lbs.	Sq. Ft. /Box	# Pieces /Box	# Boxes /Pallet	Sq. Ft. /Pallet\
Field Tiles (Note: Weights have been rounded to nearest whole number)								
Vesuvio	VE0T13	Walnut						
	VE1T13	Bisque						
	VE2T13	Oyster White	13 x 13	39	10.76	9	62	667.12
	VE3T13	Antique Beige						
	VE0T18	Walnut						
	VE1T18	Bisque						
	VE2T18	Oyster White	18 x 18	67.10	15.25	7	48	732.00
	VE3T18	Antique Beige						
	VE1W10	Bisque						
	VE2W10	Oyster White						
	VE3W10	Antique Beige	8 x 10 Wall Tile	27	10.76	20	88	946.88
Trim Pieces (Note: Weights have been rounded to nearest whole number)								
Vesuvio	VE0BNH	Walnut						
	VE1BNH	Bisque	3 x 13					
	VE2BNH	Oyster White	Bullnose					
	VE3BNH	Antique Beige						
	VE1BNS	Bisque						
	VE2BNS	Oyster White	3 x 8					
	VE3BNS	Antique Beige	Bullnose	4.80	n/a	12	160	n/a
	VE1BNR	Bisque	3 x 3					
	VE2BNR	Oyster White	Bullnose	1	n/a	6	400	n/a
	VE3BNR	Antique Beige	Corner					
Cross Reference Style* (Note: Weights have been rounded to nearest whole number)								
Ravenna	RAMLIE	Multi-Color	4 x 13 Listello	8	2.17	6	165	n/a
	RAMMCP	Multi-Color	4 X 4 Corner	2	0.44	4	472	n/a
	VEMLIY	Mosaic Listello	1.2 x 8 Listello	2	n/a	6	n/a	n/a

*Cross Reference Style refers to the decos/listelli patterns that are interchangeable between two or more product lines.