



Specifications Brochure 2011

A DIVISION OF ELGIN BUTLER

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www.mcintyre-tile.com

McIntyre

SPECIFICATIONS BROCHURE - 2011

TABLE OF CONTENTS

	<u>Page</u>
TABLE OF CONTENTS	
Style and Versatility	2
Classic Stoneware	3-4
Classic Porcelain	3-4
Arts & Crafts	5-6
Provence	7-8
Legacy	9-10
Piedras	11-12
North Coast Stoneware	13-14
Contours	15-16
Hacienda	17-18
Susan Greenleaf Botanicals	19-20
Mozaiquitos	21-22
Shino	23-24
Streamline	25-26
Decorative Tiles & Accessories	
Carved Relief Tiles	27-28
Wine Country Series	29-30
Impressionist Art Tiles	31-32
Cut Mosaic Tiles	33-34
Hand Painted Tiles	35-36
Hand Painted and Other Deco Tiles	37-38
Sizes and Shapes	39
Trim Elements, Surface Bullnose	40
More Trim	41
Corners & Caps	43
Feature Strips	43
Special Shapes	44
Soap Dishes, Tissue Holders	45
Corner Shelf, Corners & Caps - Ropes	47
Barks and Ropes	47
Master Glaze List	48-49
Glaze Name Cross-reference	50
Sizes & Weights	51
Specifications	52-56
Environmental Policy and Company Profile	57
Customer Service Information	58



STYLE

McIntyre Tile has been producing beautiful handcrafted tile in California since the early 1970's. The company was founded by a small group of ceramic craftsmen and young ceramic engineers. The goal has always been to produce the most beautiful and durable tile possible. McIntyre Tile now produces 11 distinctive tile lines, each with a special appeal: Classic Stoneware & Classic Porcelain, Arts & Crafts, Provence, Legacy, Piedras, North Coast Stoneware, Contours, Hacienda, Susan Greenleaf Botanicals, Mozaiquitos, Shino and Streamline. McIntyre Tile produces more than 350 standard glazes for these designs.

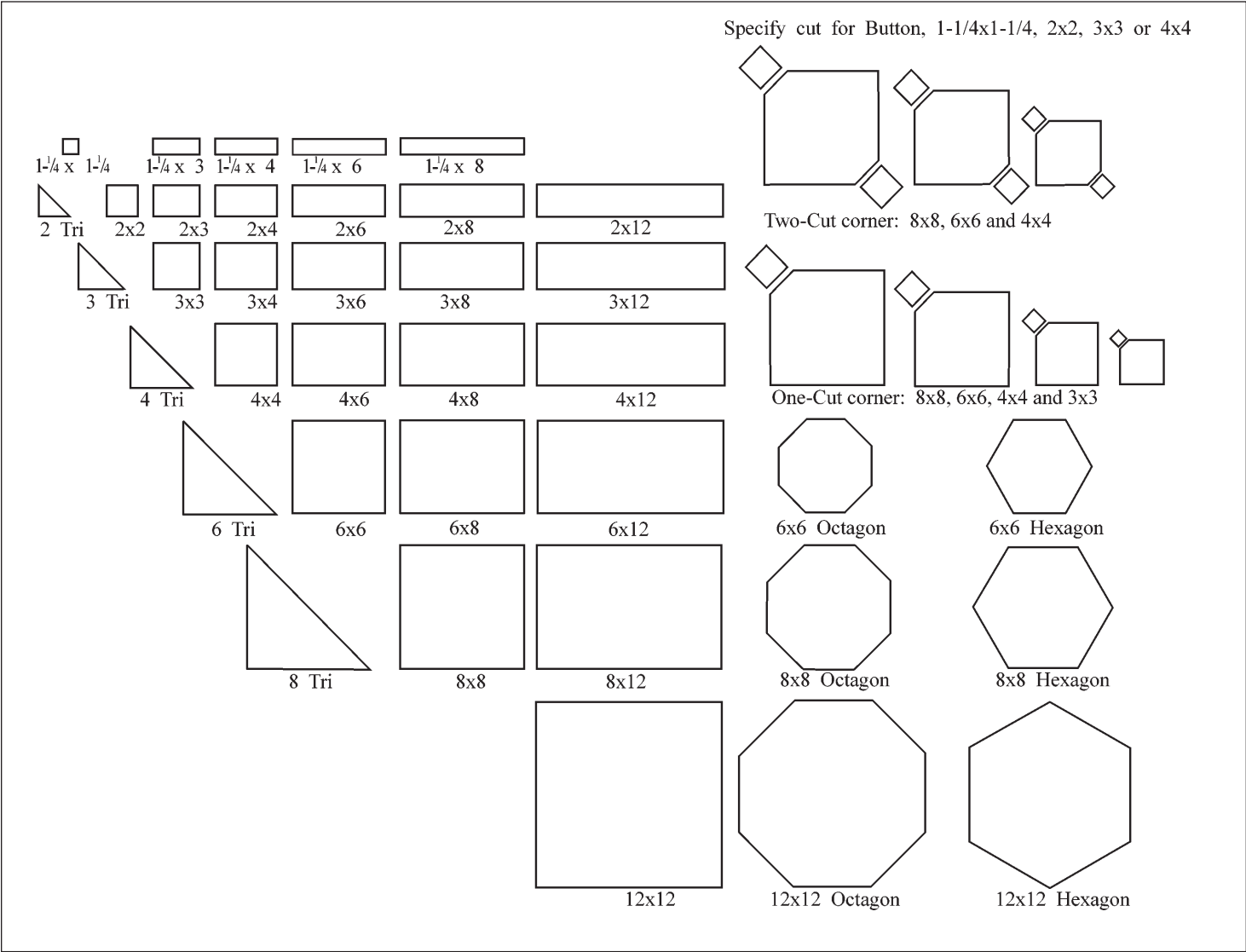
VERSATILITY

You'll love living with McIntyre Tile. Finished tile installations embody natural variations to create warm and interesting glazed ceramic surfaces. All materials and processes are chosen to maximize the beauty of your tiled surfaces. This handcrafted tile is custom made to order using porcelain and stoneware clays and McIntyre's 37 year collection of high-temperature glazes. You can design with multiple sizes, mosaic, handpainted, carved relief decorative tile, field tile and accessories. Most sizes and glazes are mix and match for unparalleled creative possibilities.

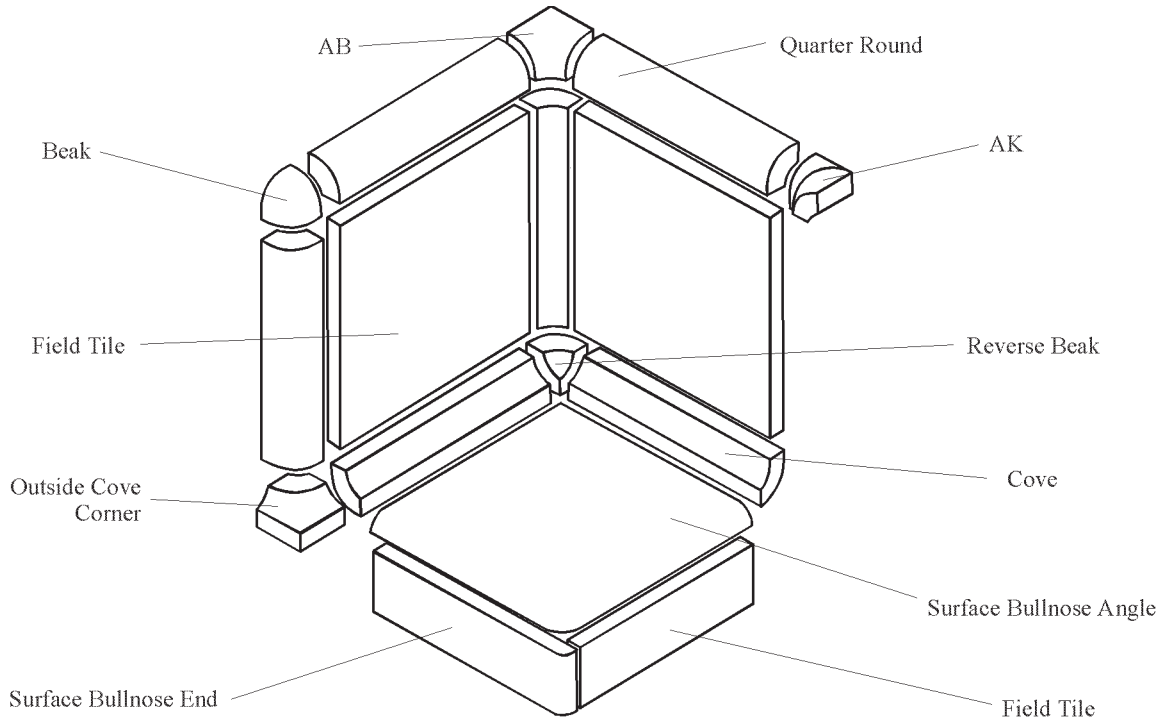
Huge Color Palette	350+ Beautiful Standard Glazes, Unlimited Custom Colors
Decorative Tile	Carved Relief, Handpainted, Wet-Cut Mosaic and Custom
Sizes & Shapes	45 Modular Sizes, Custom and Special Shapes
Trim Details	Bullnose, Liners, Moldings and Carved Relief
Accessories	Matching Soap Dishes and Tissue Holders
Quality	Vitreous for Indoor and Outdoor all-weather use
Green	Extensive use of pre-consumer recovered materials
Service	38 Years of Outstanding Service, Made in the USA

SIZES AND SHAPES

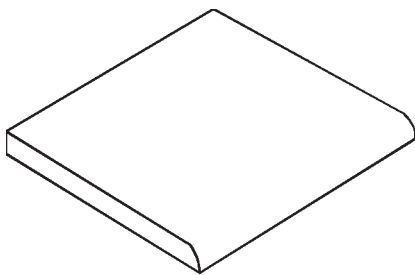
McIntyre tile is manufactured in many sizes and shapes. The following chart shows standard sizes available in Classic Stoneware and Porcelain. Custom sizes are also available. Sizes available for Arts & Crafts, Provence, Legacy and Piedras are more limited. If you don't see what you're looking for, give us a call and we'll quote for your job requirements.



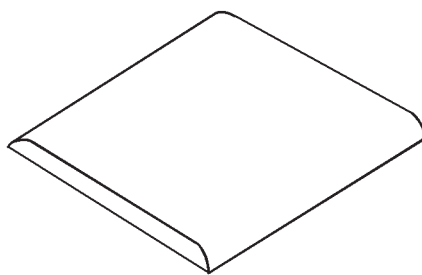
TRIM ELEMENTS



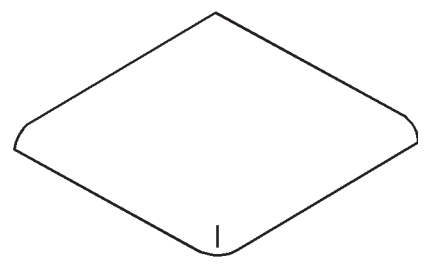
SURFACE BULLNOSE



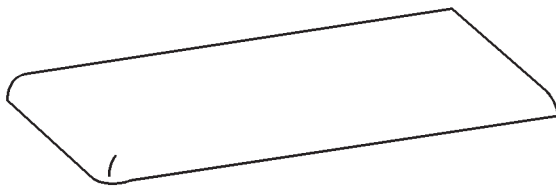
Surface Bullnose



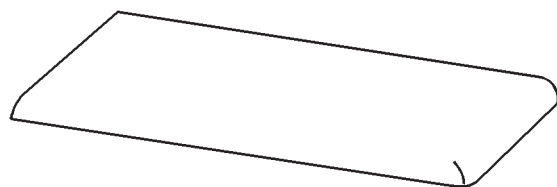
Parallel Surface Bullnose



Surface Bullnose Angle

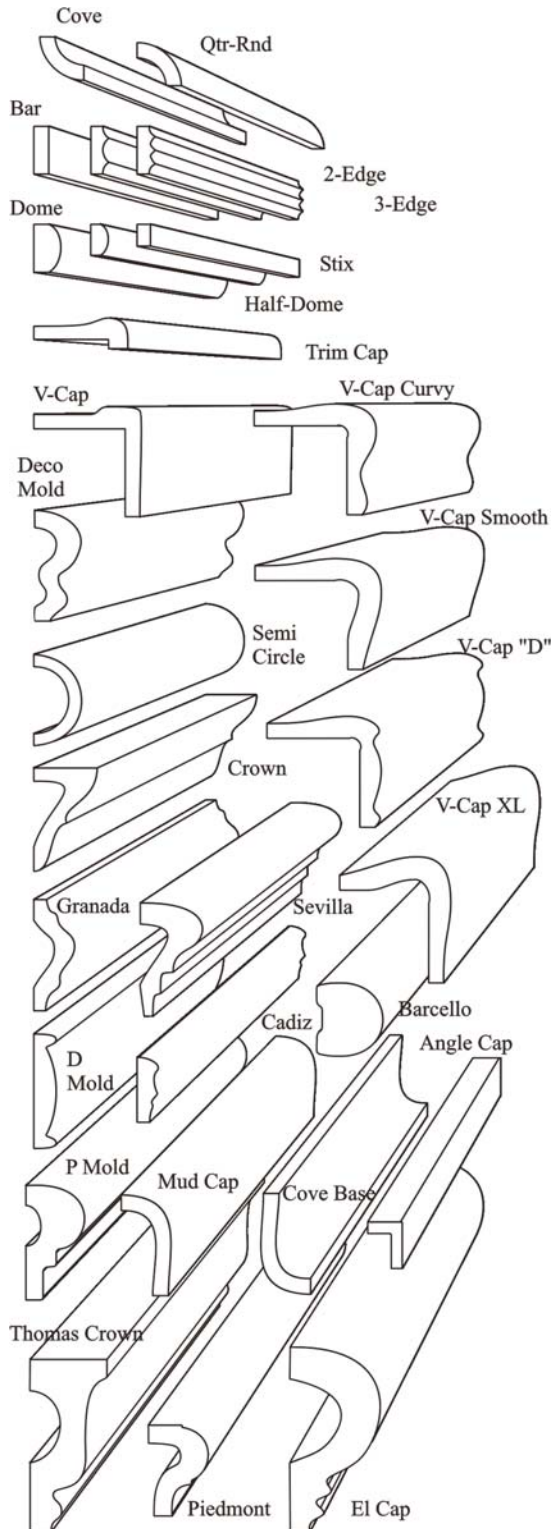


Surface Bullnose Down Angle Left



Surface Bullnose Down Angle Right

MORE TRIM








Shape	Dimensions height x width	Lengths (nominal)	Weight/LF
Cove	$\frac{3}{4} \times \frac{3}{4}$	3, 4, 6, 8	0.39 lbs.
Cove 1"r.	1 x 1	3, 4, 6, 8	0.40 lbs.
Cove 2"r.	2 x 2	3, 4, 6, 8	0.81 lbs.
Qtr-Rnd	$\frac{3}{4} \times \frac{3}{4}$	3, 4, 6, 8	0.37 lbs.
Qtr-Rnd 1"r.	1 x 1	3, 4, 6, 8	0.40 lbs.
Qtr-Rnd 2"r.	2 x 2	3, 4, 6, 8	0.81 lbs.
Bar Liner	$\frac{13}{16} \times \frac{5}{16}$	3, 4, 6, 8	0.24 lbs.
Two-Edge Liner	$\frac{13}{16} \times \frac{5}{16}$	3, 4, 6, 8	0.28 lbs.
Three-Edge Liner	$\frac{13}{16} \times \frac{5}{16}$	3, 4, 6, 8	0.26 lbs.
Dome Liner	$\frac{13}{16} \times \frac{7}{16}$	3, 4, 6, 8	0.38 lbs.
Half-Dome Liner	$\frac{7}{16} \times \frac{3}{8}$	3, 4, 6	0.18 lbs.
Stix	$\frac{3}{8} \times \frac{1}{4}$	3, 4, 6	0.11 lbs.
Trim Cap	$\frac{9}{16} \times 1 \frac{11}{16}$	3, 4, 6	0.66 lbs.
V-Cap	2 x 1 $\frac{15}{16}$	3, 4, 6, 8	0.69 lbs.
V-Cap, Smooth	2 x 2 $\frac{1}{4}$	3, 4, 6, 8	1.16 lbs.
V-Cap, Curvy	2 x 2 $\frac{1}{4}$	3, 4, 6, 8	1.16 lbs.
V-Cap, D Type	2 x 2	3, 4, 6, 8	1.16 lbs.
V-Cap, XL	2 $\frac{1}{4}$ x 2	3, 4, 6, 8	1.16 lbs.
Deco Molding	2 x $\frac{7}{8}$	3, 4, 6, 8	0.83 lbs.
Semi-Circle	1 $\frac{5}{8}$ x $\frac{7}{8}$	4, 6, 8	0.61 lbs.
Crown Molding	1 $\frac{7}{8}$ x 1 $\frac{1}{4}$	4, 6, 8	1.25 lbs.
Granada	2 $\frac{3}{8}$ x $\frac{3}{4}$	4, 6, 8	0.96 lbs.
Sevilla	2 $\frac{3}{8}$ x 1 $\frac{1}{8}$	4, 6, 8	1.26 lbs.
Barcello	$\frac{7}{8}$ x $\frac{13}{16}$	4, 6, 8	0.48 lbs.
D Molding	2 $\frac{1}{8}$ x $\frac{3}{8}$	3, 4, 6, 8	1.11 lbs.
Cadiz	1 $\frac{1}{4}$ x $\frac{3}{8}$	3, 4, 6, 8	0.44 lbs.
P Molding	2 $\frac{1}{4}$ x 1 $\frac{1}{8}$	4, 6, 8	1.51 lbs.
Mud Cap / Cove Base	2 x $\frac{7}{8}$	3, 4, 6, 8	1.08 lbs.
Angle Cap	1 $\frac{1}{4}$ x 1	3, 4, 6, 8	0.59 lbs.
Thomas Crown	2 $\frac{3}{4}$ x 1 $\frac{1}{8}$	4, 6, 8	1.70 lbs.
Piedmont	2 x 1 $\frac{1}{4}$	3, 4, 6, 8	1.30 lbs.
El Cap	2 $\frac{3}{4}$ x 1 $\frac{3}{8}$	3, 4, 6, 8	1.70 lbs.

Note: See CORNERS AND CAPS for ends and turns. Weight is for one lineal foot of material. Allow 2 lbs. per box and packaging to calculate shipping weight. All extruded trim available in Arts & Crafts glazes without the characteristic texture.

CORNERS & CAPS

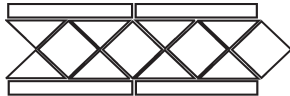
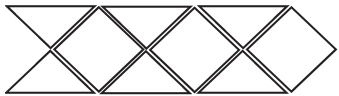
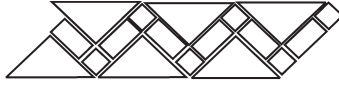

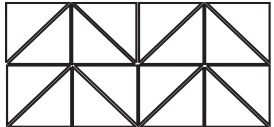

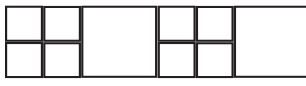





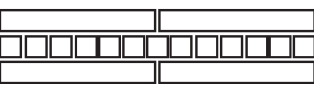
Cove and Quarter Round Trim Manufactured

		$\frac{3}{4}$ "r.	1"r.	2"r.
	Outside Cove Corner	yes	yes	yes
	Reverse Beak	yes	yes	yes
	Beak	yes	yes	yes
	AK	yes	yes	yes
	AB	yes	yes	yes

Other Extruded Trim Parts Manufactured

	Out Corner	In Corner	Miter Set	Frame In	Frame Out	Ends
Angle Cap	yes	no	yes	no	no	no
Cadiz	yes	yes	yes	yes	yes	yes
Crown Molding	yes	yes	yes	yes	yes	yes
D Molding	no	no	yes	yes	yes	yes
Deco Molding	yes	yes	yes	yes	yes	yes
El Cap	yes	yes	yes	yes	yes	yes
Granada	yes	no	yes	no	yes	yes
Barcello	yes	yes	yes	yes	yes	yes
Bar Liner	no	no	yes	button	button	yes
Liner, Two-Edge	no	no	yes	button	button	yes
Liner, Three-Edge	no	no	yes	button	button	yes
Dome Liner	no	no	yes	no	no	yes
Half-Dome Liner	no	no	yes	no	no	yes
Mud Cap	yes	yes	yes	yes	yes	no
Cove Base	yes	yes	yes	no	no	no
Piedmont	yes	yes	yes	yes	yes	yes
P Mold	yes	yes	yes	yes	yes	yes
Semi-Circle	yes	no	yes	yes	yes	yes
Sevilla	yes	yes	yes	yes	yes	yes
Stix	no	no	yes	no	no	yes
Thomas Crown	yes	yes	yes	yes	yes	yes
Trim Cap	yes	yes	yes	no	no	yes
V-Cap	yes	yes	yes	no	no	no
V-Cap, Smooth	yes	no	yes	no	no	no
V-Cap, Curvy	yes	no	yes	no	no	no
V-Cap, D Type	yes	no	yes	no	no	no
V-Cap, XL	yes	no	yes	no	no	no

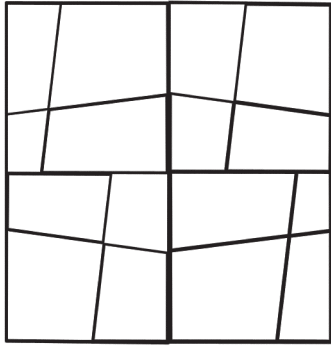
FEATURE STRIPS

		Height" x Length"
	A.) Diamonds 2" with Half-Domes 2x2 center tiles, 2" Tri's w/ Half-Dome Liners or STIX or w/ Dome Liners, 2- or 3-edge Bar Liner	3 3/4 x 11 3/4 4 5/8 x 11 3/4
	B.) Diamonds 3" 3x3's and 3" Tri's	4 x 12 1/4
	C.) Zig 'N Dot 3" 3" Tri's, Buttons and 2" Bar Liners	3 3/8 x 11 1/2
	D.) Ladder 2x2's, 2" Bar Liners, 2x3's and 3-Edge Liners	3 3/4 x 11 3/4
	E.) Zig-Zag 2" 2" Tri's Zig-Zag 3" 3" Tri's	3 3/4 x 8 5 3/4 x 11 3/4
	F.) Pinwheel 3" Buttons and 2" Liners Pinwheel 4" 2x2's and 3" Liners	2 3/4 x 11 1/2 3 3/4 x 11 3/4
	G.) Windows 3x3's and 1 1/4 x 1 1/4's	2 3/4 x 11 3/4
	H.) Windows II 2x2's, 2" Tri's, 3x3 Windows II, with STIX	3 3/4 x 7 3/4 5 x 7 3/4
	I.) Flat Bar and Diamond Custom Bar Liner and Buttons	1 3/4 x 11 3/4
	J.) Bow Tie Custom Bar Liner and Cut Buttons	1 7/8 x 11 3/4
	K.) Hopscotch 4" Half Domes, 2" Bar Liners, Buttons	2 x 11 3/4
	L.) Arts & Crafts Runner 4" & 6" Stix, Stix Buttons	1 1/2 x 10 3/4
	M.) Bars and Dots 6" Dome Liner and Buttons	2 3/4 x 11 3/4

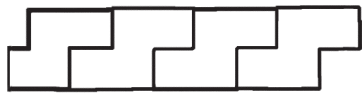
NOTE: Height and length dimensions are actual. Grout allowance is 1/8". All Feature Strips are pre-mounted with face tape in modules. Custom feature strips based on your designs are available. Call the factory for price quote and lead time.

SPECIAL SHAPES

Height" x Length"



A.) **4 pc 6x6 Tessellation** 11 ¹³/₁₆ X 11 ¹³/₁₆
 Supplied by the sqft only. Single glaze or multiple.



B.) **Zorro-A** 2 ¹³/₁₆ X 11 ³/₄



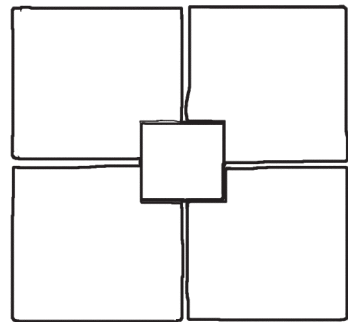
C.) **Zorro-B** 2 ¹³/₁₆ X 11 ³/₄



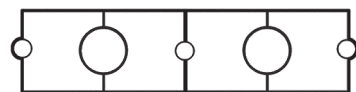
D.) **Zorro-C** 2 ¹³/₁₆ X 16 ³/₄



E.) **Nachos Combo** 2 ¹³/₁₆ X 13 ¹/₁₆



F.) **4x4 Pancho's, 5 tile module** 7 ¹³/₁₆ X 7 ¹³/₁₆
6x6 Pancho's 11 ¹³/₁₆ X 11 ¹³/₁₆



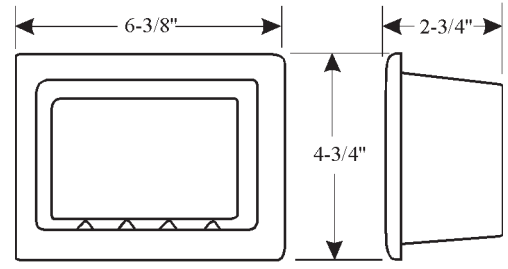
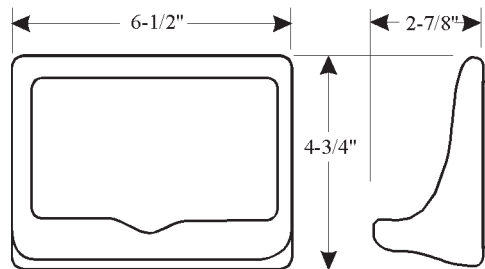
G.) **6x6 Two Circle Cutout** 5 ¹³/₁₆ X 11 ¹³/₁₆

SOAP DISHES & TISSUE HOLDERS

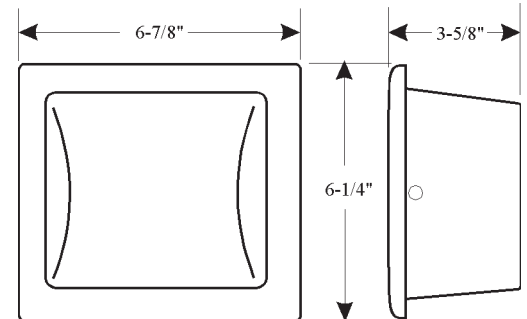
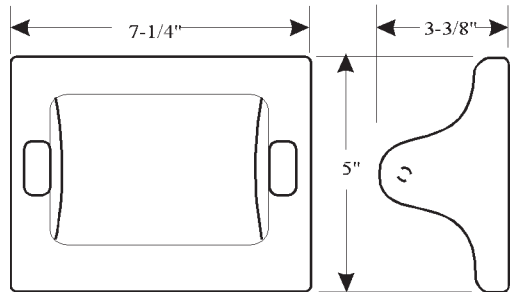
Surface Mounted

Recess Mounted

McIntyre / HCP
4x6 Soap Dish
(porcelain only)



McIntyre / HCP
4x6 & 6x6 Tissue
(porcelain only)

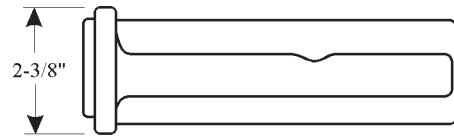
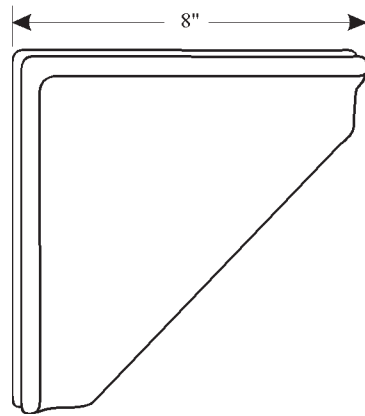


Shipping Weight including Packaging

McIntyre Surface Soap Dish	3.6 lbs.	McIntyre / HCP Recessed Soap	3.7 lbs.
McIntyre / HCP Surface Soap	3.6 lbs.	McIntyre / HCP Recessed Tissue	5.7 lbs.
McIntyre / HCP Surface Tissue	3.6 lbs.		

CORNER SHELF

McIntyre / HCP
 8x8 Corner Shelf
 (Porcelain glazes only)



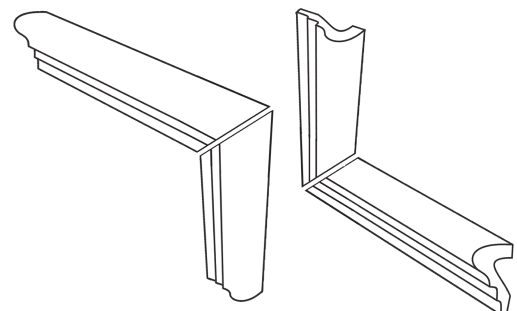
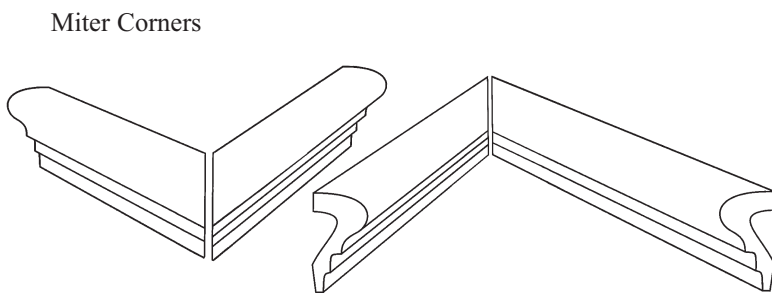
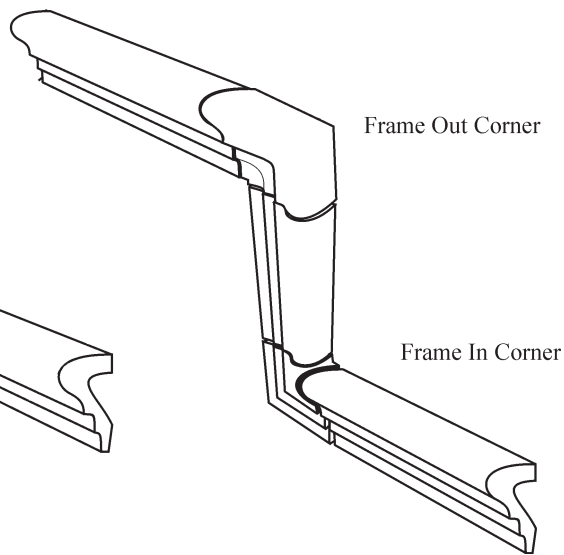
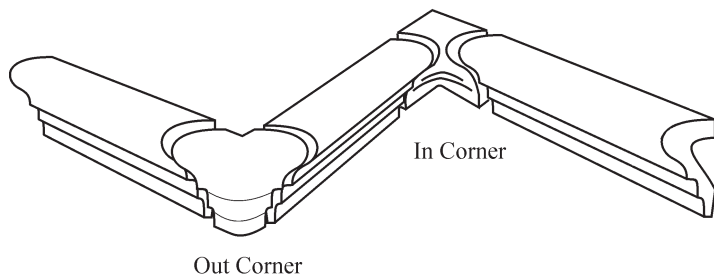
Shipping Weight including Packaging

Corner Shelf 8x8

4.4 lbs.

CORNERS - CAPS & MITERS

Extruded Trim Parts
 Example is Sevilla



Wainscot Miter Out Corner

Wainscot Miter In Corner

Frame Miter Out Corner

Frame Miter In Corner

BARKS AND ROPES



Birch Bark

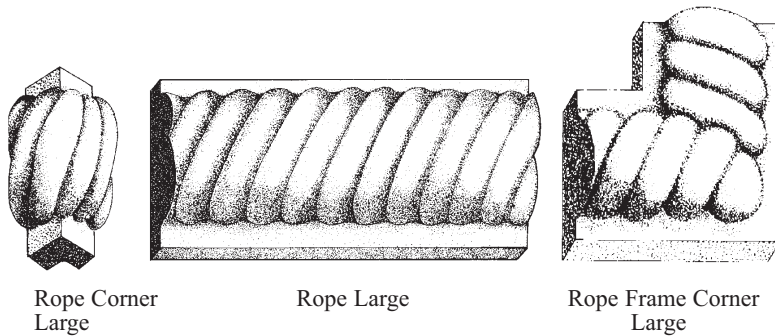
1. Deco type: Carved.
2. Clay body: Porcelain & Stoneware.
3. Nominal size: 2x6.
4. Actual size: 1-7/8 x 5-3/4.
5. Height: 15/16.
6. Glazes: Porcelain and Stoneware glazes.
7. Ship weight: 0.45 lbs/pc.



Cedar Bark

1. Deco type: Carved.
2. Clay body: Porcelain & Stoneware.
3. Nominal size: 2x6.
4. Actual size: 1-7/8 x 5-3/4.
5. Height: 15/16.
6. Glazes: Porcelain and Stoneware glazes.
7. Ship weight: 0.45 lbs/pc.

ROPES



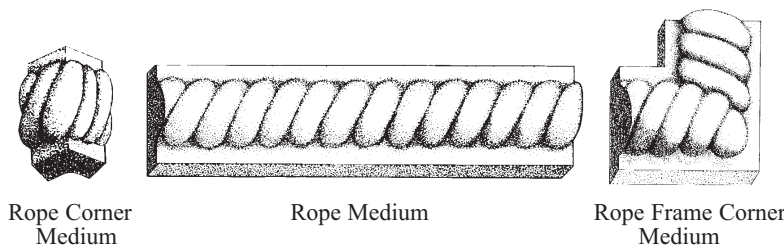
Rope Corner
Large

Rope Large

Rope Frame Corner
Large

Rope, Large

1. Deco type: Carved.
2. Clay body: Porcelain & Stoneware.
3. Nominal size: 3x6.
4. Actual size: 2-1/2 x 5-5/8.
5. Height: 7/8.
6. Glazes: Porcelain and Stoneware glazes.
7. Ship weight: 0.69 lbs/pc.



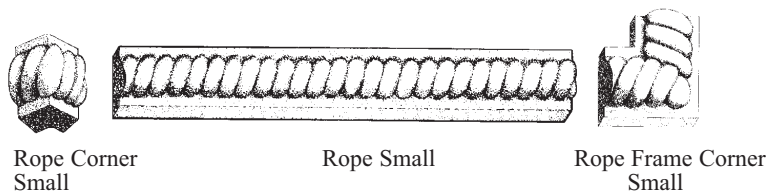
Rope Corner
Medium

Rope Medium

Rope Frame Corner
Medium

Rope, Medium

1. Deco type: Carved.
2. Clay body: Porcelain & Stoneware.
3. Nominal size: 2 x 6.
4. Actual size: 1-1/2 x 5-3/4.
5. Height: 5/8.
6. Glazes: Porcelain and Stoneware glazes.
7. Ship weight: 0.38 lbs/pc.



Rope Corner
Small

Rope Small

Rope Frame Corner
Small

Rope, Small

1. Deco type: Carved.
2. Clay body: Porcelain Only.
3. Nominal size: 1 x 6.
4. Actual size: 13/16 x 5-3/4.
5. Height: 1/2.
6. Glazes: All porcelain glazes.
7. Ship weight: 0.2 lbs/pc.

MASTER GLAZE LIST

Tile Usage Guide, Glaze Hardness

Group 1 (MOHS 4-5): All interior and exterior vertical surfaces and bathroom floors.

Group 2 (MOHS 5-6): General residential except entry and kitchen floors.

Group 3 (MOHS 6-7): All residential; light commercial floors with diffused traffic.

Group 4 (MOHS 7-8): Moderate commercial floor use.

Group 5 (MOHS 8-9): Commercial applications where extra durability is required.

Table Notes Legend:

M	Metallic (surcharged)	V	Alternate glaze for 12x12
½	1/2 Tone Available	K	Crackle Glaze
\$	20% Surcharged Glaze	P	Porcelain
X	Special Care		
B	Not available in 12x12		
S	Stoneware		

Glaze Rangy Notes:

slight	The color of this tile can vary slightly.
yes	The color of this tile can vary slightly to moderately.
very	The color of this tile can vary significantly.
max	The color of this tile can show a large variation.

ARTS & CRAFTS COLORS

Glaze Name	Group	Note	Rangy	Glaze Name	Group	Note	Rangy	Glaze Name	Group	Note	Rangy	Glaze Name	Group	Note	Rangy	Glaze Name	Group	Note	Rangy
Alpine	2	V	slight	Carmel	2	V	yes	Garden	2		slight	Minorca	1			Seamist	2		slight
Aqua	2		yes	Cayenne	2	\$	slight	Icicle	2		slight	Mission Viejo	2	V	yes	Seaside	2	B	yes
Balboa	1	X	max	Cayman	2		slight	Khaki	2	V	yes	Moss Beach	2	V	yes	Sequoia	2	V	yes
Bodega	3	B	yes	Chartreuse	2	\$	slight	Klamath	2	B	slight	Navarro	2	B	yes	Squaw Valley	2	B	yes
Bone	2		slight	Cherokee	2	\$V	slight	La Jolla	2	B	yes	Navy	2		yes	Sunset	2	\$	slight
Bruno	2		slight	Cinnamon	1	\$	slight	Laguna	2	B	slight	Onyx	2		slight	Sutter	2	V	slight
Buttercup	2		slight	Corona Del Mar	2	V	yes	Laurel	2		slight	Persimmon	1	\$	yes	Tortuga	3		slight
Cameo	2		slight	Eden	2		slight	Malibu	2	V	slight	Saffron	2		slight	Venice	2		slight
Canyon	2	B	slight	Egret	2		slight	Marine	2		slight	San Miguel	2	V	yes				
Caribbean	2		slight	Elk	2		slight	Maybeck	2	B	slight	Santa Rosa	2	B	slight				

CLASSIC PORCELAIN COLORS

Glaze Name	Group	Note	Rangy	Glaze Name	Group	Note	Rangy	Glaze Name	Group	Note	Rangy	Glaze Name	Group	Note	Rangy	Glaze Name	Group	Note	Rangy
1/2 Coral	2		yes	Celeste	2		slight	Glacier	2		slight	Melon Ice	2	\$	slight	Santos	3		slight
1/2 Coral Cream	4		slight	Cerulean	2		slight	Granite	2		slight	Melon Matte	3	\$	slight	Satin Gold	2	MXB	slight
1/2 Lemon Cream	2		slight	Chambers	4		slight	Grasshopper	1		slight	Meridian	2	B	slight	Savory	3		slight
1/2 Lemon Ice	2		slight	Cobalt-P	1		yes	Grenada	1		slight	Merlot	2	B\$	slight	Sea Blue	4		slight
1/2 Melon	2		slight	Constantine	1		slight	Harvest	3		slight	Midnight-P	1		slight	Serpentine	4		slight
1/2 Melon Ice	2		slight	Copper Flash	2	MBX	max	Honey	2		slight	Misty Rose	4		slight	Sky Blue	4		slight
1/2 Tang. Matte	3		slight	Coral	2	\$	slight	Hunter Green	3		slight	Mocha	3		slight	Slate	3		slight
1/2 Tangerine	2		slight	Coral Cream	4	\$	slight	Ice Plant	2		slight	Mojave	4		slight	Snow	3		slight
1/2 Tangerine Ice	2		slight	Coral Ice	2	\$	slight	Indigo	4		slight	Monterey	4		slight	Snowflake	3		yes
Aegean	2		slight	Coral Matte	3	\$	slight	Irish Cream	2		slight	Mucho Mango	1	\$	slight	Spearmint	4		slight
Alcatraz	3		slight	Cornflower	4		slight	Ivory	3		slight	Nautilus	3	B	slight	Spencer	3	B	yes
Almond	4		slight	Cranberry	2	B	slight	Jadestone	2		slight	NSR	4		slight	Spice	3		slight
Amber	1	B	slight	Cream	3		slight	Jamaica	1	\$	slight	Oatmeal	2		slight	Staten	3		slight
Arctic	3		slight	Crimson	2	B	slight	Julep	2		slight	Orcas	2		slight	Tangerine	2	\$	slight
Aruba	1		slight	Crimson Opaque	2	B	slight	Kelly	2		slight	Peach	3		slight	Tangerine Cream	4	\$	slight
Asparagus	3		slight	Crystal Gold	2	MXB	slight	KeyLime	2	\$	max	Peacock	2		slight	Tangerine Ice	2	\$	slight
Aurora	2		slight	Danube	2	B	slight	Kiwi	3		slight	Pearl	3		slight	Tangerine Matte	3	\$	slight
Azure	2		slight	Delta Blue	1		slight	Klingon	2	MBX	yes	Peppermint Cream	4		slight	Taupe	3		slight
Barbados	2		slight	Dijon	2	BK	slight	Latte	5		slight	Persia	2		slight	Teal	3		slight
Belvedere	1		slight	Dove	2		slight	Lavender	3		slight	Peru	1		slight	Terra	3		slight
Bermuda	1		slight	Dunlin	3		slight	Lemon	2	\$	slight	Pewter	4		slight	Terra Cotta	3		slight
Berry	4		slight	Emerald	2		yes	Lemon Cream	4	\$	slight	Pistachio	3		slight	Tomales	2		slight
Blue Matte	4		yes	Everest	2		slight	Lemon Ice	2	\$	slight	Polar	3		slight	Turquoise	2		slight
Blue Silk	2		slight	Fern	2		slight	Lemon Matte	3	\$	slight	Prussia	1		slight	Valencia	1	\$	slight
Blush	4		slight	Flannel	1	B	slight	Lochness	3		slight	Pueblo	4		slight	Violet	3		slight
Bolinas	1	B	slight	Frappe	3		slight	Lotus	2		slight	Purple	2		slight	Waxwing	3		slight
Burbank	3		slight	French Blue	4	B	slight	Mango	2	\$	slight	Robin Blue	4		slight	Waxy Black	4		slight
Butterscotch	2		slight	French Green	2		slight	Mango Matte	2	\$	slight	Rouge	4		slight	Whale Gray	3		slight
Cadet	2		slight	Fresca	1	\$	max	Mayan	2		slight	Royal Blue	3	B	slight	Whidbey	2		slight
Capri	2		slight	Frost	3		slight	Melon	2	\$	slight	Sage	2	K	slight	White Celadon	2		slight
Celery	3		slight	Gingerwood	3		slight	Melon Cream	4	\$	slight	Sagebrush	3		slight	Yarrow	3		slight

CLASSIC STONEWARE COLORS

Glaze Name	Group	Note	Rangy	Glaze Name	Group	Note	Rangy	Glaze Name	Group	Note	Rangy	Glaze Name	Group	Note	Rangy	Glaze Name	Group	Note	Rangy
Ash	3	yes		Celadon	2	very		Iron 6	3	slight		Midnight-S	1	slight		Stonefire	2	slight	
Ash White	3	yes		Charcoal	3	slight		Iron Red	2	yes		Peridot	2	slight		Tenmoblue	2	yes	
Autumn	4	very		Chun	3	very		Iron Sand	4	max		Periwinkle	1	yes		Tenmoku	1	B	very
Beige	3	yes		Cobalt-S	1	yes		Jasper	3	max		Quartz	2	slight		Vadar	2	MXB	yes
Beige 9	3	yes		Dark Celadon	2	slight		Juniper	2	slight		Red Island	3	yes		White	3	slight	
Beige White	3	slight		Dark Pewter	3	slight		Larkspur	3	slight		Rust	2	B	yes	Willow	2	slight	
Black Tenmoku	1	slight		Dark Spodium	3	very		Light Brown	4	yes		Seafoam	2	slight					
Blue Rock	2	slight		Forest	2	yes		Maize Brown	4	slight		Sisal	2	yes					
Buff	4	slight		Gemstone	3	slight		Mesa	4	slight		Spodium	3	max					
Burnt Brick	3	very		Goldenrod	2	slight		Mica	2			Spruce	4	slight					

CONTOURS

SHINO COLORS

STREAMLINE COLORS

Glaze Name	Group	Note	Rangy	Glaze Name	Group	Note	Rangy	Glaze Name	Group	Note	Rangy	Glaze Name	Group	Note	Rangy	Glaze Name	Group	Note	Rangy
Cirrus	1	very		Shino Blue	1	K	yes	Abalone	1	slight		Coconut	2	slight		Ibis	1	slight	
Serenity	3	very		Shino Green	1	K	yes	Bamboo	1	slight		Flan	1	slight		Lagoon	1	yes	
Solar	1	very		Shino Grey	1	K	yes	Bimini	1	slight		Gull	1	slight		Mojito	1	slight	
				Shino White	1	K	yes	Biscayne	3	slight		Heron	1	slight		Sandbar	1	slight	

HACIENDA COLORS

Glaze Name	Group	Note	Rangy	Glaze Name	Group	Note	Rangy	Glaze Name	Group	Note	Rangy	Glaze Name	Group	Note	Rangy	Glaze Name	Group	Note	Rangy
Blanco	2	slight		Dark Green	2	slight		Lt Buckskin	2	slight		Satin White	2	slight					
Brick Flash	3	very		Durango	2	slight		Linen	2	slight		Veracruz	1	very					
Cabo	1	yes		Garnet	3	slight		Olive Drab	2	slight		Verde	2	yes					

LEGACY COLORS

Glaze Name	Group	Note	Rangy	Glaze Name	Group	Note	Rangy	Glaze Name	Group	Note	Rangy	Glaze Name	Group	Note	Rangy	Glaze Name	Group	Note	Rangy
Clairmont	2	KB	slight	Jefferson	2	KB	slight	Midori	2	KB	slight	Woodward	2	KB	slight				
Colony	2	KB	slight	Kingsley	2	KB	slight	Milton	3	KB	slight								
Edgar	2	KB	slight	Madison	3	KB	slight	Monroe	3	KB	slight								
Franklin	2	KB	slight	Manchester	2	KB	slight	Washington	2	KB	slight								

NORTH COAST STONEWARE COLORS

Glaze Name	Group	Note	Rangy	Glaze Name	Group	Note	Rangy	Glaze Name	Group	Note	Rangy	Glaze Name	Group	Note	Rangy	Glaze Name	Group	Note	Rangy
Albion	3	yes		Cazadero	2	yes		Hopland	2	yes		Inverness	2	yes		Sunrise	2	yes	
Caspar	2	yes		Glen Ellen	3	yes		Humboldt	2	yes		Mendocino	2	yes		Trinity	2	yes	

PIEDRAS COLORS

Glaze Name	Group	Note	Rangy	Glaze Name	Group	Note	Rangy	Glaze Name	Group	Note	Rangy	Glaze Name	Group	Note	Rangy	Glaze Name	Group	Note	Rangy
Piedras 7	1	very		Piedras 51	3	very		Piedras 80	1	very		Piedras 101	3	very		Piedras 140	3	very	
Piedras 11	1	very		Piedras 66	1	very		Piedras 88	2	very		Piedras 117	3	very		Piedras 153	3	S	very
Piedras 42	1	very		Piedras 72	3	S	very	Piedras 99	1	very		Piedras 127	3	very		Piedras 161	1	X	very

PROVENCE COLORS

Glaze Name	Group	Note	Rangy	Glaze Name	Group	Note	Rangy	Glaze Name	Group	Note	Rangy	Glaze Name	Group	Note	Rangy	Glaze Name	Group	Note	Rangy
Aperitif	2	B	slight	Claire	2	B	slight	Fig	2	slight		Olive	2	slight		Shallot	2	B	slight
Brie	2	slight		Claudette	2	B	slight	Gigi	2	B	slight	Orangerie	2	B	slight	Thyme	2	B	slight
Butternut	2	B	slight	Curry	2	\$	slight	Giselle	2	B	slight	Orlando	2	B	slight	Vincent	2	B	slight
Cafe	2	B	slight	Ebony	2	slight		Monet	2	B	slight	Pepper	2	\$	slight	Wisteria	2	B	slight
Canvas	2	B	slight	Espresso	2	slight		Moonlight	2	B	slight	Rousseau	2	B	slight				

GLAZE NAME CROSS-REFERENCE

1/2 Coral	CP	Charcoal	CS	Humboldt	NC	Moss Beach	AC	Sisal	CS
1/2 Coral Cream	CP	Chartreuse	AC	Hunter Green	CP	Mucho Mango	CP	Sky Blue	CP
1/2 Lemon Cream	CP	Cherokee	AC	Ibis	SL	Nautilus	CP	Slate	CP
1/2 Lemon Ice	CP	Chun	CS	Ice Plant	CP	Navarro	AC	Snow	CP
1/2 Melon	CP	Cinnamon	AC	Icicle	AC	Navy	AC	Snowflake	CP
1/2 Melon Ice	CP	Cirrus	CN	Indigo	CP	NSR	CP	Solar	CN
1/2 Tang. Matte	CP	Claire	PR	Inverness	NC	Oatmeal	CP	Spearmint	CP
1/2 Tangerine	CP	Clairmont	LE	Irish Cream	CP	Olive	PR	Spencer	CP
1/2 Tangerine Ice	CP	Claudette	PR	Iron 6	CS	Olive Drab	HA	Spice	CP
Abalone	SL	Cobalt-P	CP	Iron Red	CS	Onyx	AC	Spodium	CS
Aegean	CP	Cobalt-S	CS	Iron Sand	CP	Orangerie	PR	Spruce	CS
Albion	NC	Coconut	SL	Ivory	CP	Orcas	CP	Squaw Valley	AC
Alcatraz	CP	Colony	LE	Jadestone	CP	Orlando	PR	Staten	CP
Almond	CP	Constantine	CP	Jamaica	CP	Peach	CP	Stonefire	CS
Alpine	AC	Copper Flash	CP	Jasper	CS	Peacock	CP	Sunrise	NC
Amber	CP	Coral	CP	Jefferson	LE	Pearl	CP	Sunset	AC
Aperitif	PR	Coral Cream	CP	Julep	CP	Pepper	PR	Sutter	AC
Aqua	AC	Coral Ice	CP	Juniper	CS	Peppermint Cream	CP	Tangerine	CP
Arctic	CP	Coral Matte	CP	Kelly	CP	Peridot	CS	Tangerine Cream	CP
Aruba	CP	Cornflower	CP	KeyLime	CP	Periwinkle	CS	Tangerine Ice	CP
Ash	CS	Corona Del Mar	AC	Khaki	AC	Persia	CP	Tangerine Matte	CP
Ash White	CS	Cranberry	CP	Kingsley	LE	Persimmon	AC	Taupe	CP
Asparagus	CP	Cream	CP	Kiwi	CP	Peru	CP	Teal	CP
Aurora	CP	Crimson	CP	Klamath	AC	Pewter	CP	Tenmoblue	CS
Autumn	CS	Crimson Opaque	CP	Klingon	CP	Piedras 101	PD	Tenmoku	CS
Azure	CP	Crystal Gold	CP	La Jolla	AC	Piedras 11	PD	Terra	CP
Balboa	AC	Curry	PR	Lagoon	SL	Piedras 117	PD	Terra Cotta	CP
Bamboo	SL	Danube	CP	Laguna	AC	Piedras 127	PD	Thyme	PR
Barbados	CP	Dark Celadon	CS	Larkspur	CS	Piedras 140	PD	Tomales	CP
Beige	CS	Dark Green	HA	Latte	CP	Piedras 153	PD	Tortuga	AC
Beige 9	CS	Dark Pewter	CS	Laurel	AC	Piedras 161	PD	Trinity	NC
Beige White	CS	Dark Spodium	CS	Lavender	CP	Piedras 42	PD	Turquoise	CP
Belvedere	CP	Delta Blue	CP	Lemon	CP	Piedras 51	PD	Vadar	CS
Bermuda	CP	Dijon	CP	Lemon Cream	CP	Piedras 66	PD	Valencia	CP
Berry	CP	Dove	CP	Lemon Ice	CP	Piedras 7	PD	Venice	AC
Bimini	SL	Dunlin	CP	Lemon Matte	CP	Piedras 72	PD	Veracruz	HA
Biscayne	SL	Durango	HA	Light Brown	CS	Piedras 80	PD	Verde	HA
Black Tenmoku	CS	Ebony	PR	Linen	HA	Piedras 88	PD	Vincent	PR
Bianco	HA	Eden	AC	Lochness	CP	Piedras 99	PD	Violet	CP
Blue Matte	CP	Edgar	LE	Lotus	CP	Pistachio	CP	Washington	LE
Blue Rock	CS	Egret	AC	Lt. Buckskin	HA	Polar	CP	Waxwing	CP
Blue Silk	CP	Elk	AC	Madison	LE	Prussia	CP	Waxy Black	CP
Blush	CP	Emerald	CP	Maize Brown	CS	Pueblo	CP	Whale Gray	CP
Bodega	AC	Espresso	PR	Malibu	AC	Purple	CP	Whidbey	CP
Bolinas	CP	Everest	CP	Manchester	LE	Quartz	CS	White	CS
Bone	AC	Fern	CP	Mango	CP	Red Island	CS	White Celadon	CP
Brick Flash	HA	Fig	PR	Mango Matte	CP	Robin Blue	CP	Willow	CS
Brie	PR	Flan	SL	Marine	AC	Rouge	CP	Wisteria	PR
Bruno	AC	Flannel	CP	Mayan	CP	Rousseau	PR	Woodward	LE
Buff	CS	Forest	CS	Maybeck	AC	Royal Blue	CP	Yarrow	CP
Burbank	CP	Franklin	LE	Melon	CP	Rust	CS		
Burnt Brick	CS	Frappe	CP	Melon Cream	CP	Saffron	AC		
Buttercup	AC	French Blue	CP	Melon Ice	CP	Sage	CP		
Butternut	PR	French Green	CP	Melon Matte	CP	Sagebrush	CP		
Butterscotch	CP	Fresca	CP	Mendocino	NC	San Miguel	AC		
Cabo	HA	Frost	CP	Meridian	CP	Sandbar	SL		
Cadet	CP	Garden	AC	Merlot	CP	Santa Rosa	AC	KEY	
Cafe	PR	Garnet	HA	Mesa	CS	Santos	CP		
Cameo	AC	Gemstone	CS	Mica	CS	Satin Gold	CP	CS	Classic Stoneware
Canvas	PR	Gigi	PR	Midnight-P	CP	Satin White	HA	CP	Classic Porcelain
Canyon	AC	Gingerwood	CP	Midnight-S	CS	Savory	CP	AC	Arts & Crafts
Capri	CP	Giselle	PR	Midori	LE	Sea Blue	CP	PR	Provence
Caribbean	AC	Glacier	CP	Milton	LE	Seafoam	CS	LE	Legacy
Carmel	AC	Glen Ellen	NC	Minorca	AC	Seamist	AC	NC	North Coast Stoneware
Caspar	NC	Goldenrod	CS	Mission Viejo	AC	Seaside	AC	PD	Piedras
Cayenne	AC	Granite	CP	Misty Rose	CP	Sequoia	AC	HA	Hacienda
Cayman	AC	Grasshopper	CP	Mocha	CP	Serenity	CN	CN	Contours
Cazadero	NC	Grenada	CP	Mojave	CP	Serpentine	CP	SH	Shino
Celadon	CS	Gull	SL	Mojito	SL	Shallot	PR	SL	Streamline
Celery	CP	Harvest	CP	Monet	PR	Shino Blue	SH		
Celeste	CP	Heron	SL	Monroe	LE	Shino Gray	SH		
Cerulean	CP	Honey	CP	Monterey	CP	Shino Green	SH		
Chambers	CP	Hopland	NC	Moonlight	PR	Shino White	SH		

SIZES & WEIGHTS

Use the following table to calculate the weight of tile only. To calculate the shipping weight, use both the Size and Weight Table and the Estimated Shipping Weight Table.

Size and Weight Table

Nominal Size	Pieces per SqFt	Actual Size in Inches	Classic Stoneware Classic Porcelain North Coast S/W		Arts & Crafts, Contours Hacienda, Legacy, Provence and Piedras	
			Thickness	Weight lb. per SqFt	Thickness	Weight lb. per SqFt
1 1/4 x 1 1/4	81	1 3/16 x 1 3/16	10/32	2.7	10/32	2.7
1 1/4 x 3	36	1 3/16 x 2 13/16	10/32	2.7	10/32	2.7
1 1/4 x 4	27	1 3/16 x 3 13/16	10/32	2.7	10/32	2.7
1 1/4 x 6	18	1 3/16 x 5 13/16	10/32	2.7	10/32	2.7
1 1/4 x 8	13.5	1 3/16 x 7 13/16	10/32	2.7	10/32	2.7
2 x 2	36	1 13/16 x 1 13/16	10/32	3.2	10/32	3.2
2 x 3	24	1 13/16 x 2 13/16	10/32	3.2	10/32	3.2
2 x 4	18	1 13/16 x 3 13/16	10/32	3.3	10/32	3.3
2 x 6	12	1 13/16 x 5 13/16	10/32	3.3	10/32	3.3
2 x 8	9	1 13/16 x 7 13/16	10/32	3.3		
2 x 12	6	1 13/16 x 11 13/16	10/32	3.3		
3 x 3	16	2 13/16 x 2 13/16	10/32	3.2	10/32	3.2
3 x 4	12	2 13/16 x 3 13/16	10/32	3.2	10/32	3.2
3 x 6	8	2 13/16 x 5 13/16	10/32	3.4	10/32	3.4
3 x 8	6	2 13/16 x 7 13/16	10/32	3.4		
3 x 12	4	2 13/16 x 11 13/16	10/32	3.4		
4 x 4	9	3 13/16 x 3 13/16	10/32	3.4	10/32	3.4
4 x 6	6	3 13/16 x 5 13/16	10/32	3.4	10/32	3.4
4 x 8	4.5	3 13/16 x 7 13/16	10/32	3.4		
4 x 12	3	3 13/16 x 11 13/16	10/32	3.4		
6 x 6	4	5 13/16 x 5 13/16	10/32	3.4	10/32	3.4
6 x 8	3	5 13/16 x 7 13/16	10/32	3.5		
6 x 12	2	5 13/16 x 11 13/16	10/32	3.5		
8 x 8	2.25	7 13/16 x 7 13/16	10/32	3.5		
8 x 12	1.5	7 13/16 x 11 13/16	10/32	3.5		
6 x 12	2	5 13/16 x 11 13/16	10/32	3.7		
12 x 12	1	11 13/16 x 11 13/16	11/32	4.0		

Note: Upon request, the factory will produce different sized tiles in a common thickness if they are to be used together on the same plane.

Estimating Shipping Weight

UPS Shipments:
(Up to 100 lbs.)

Weight of tile, plus
Add: 2 lbs. per 35 lbs of material
for packaging.

LTL Shipments:
(Greater than 100 lbs.)

Weight of tile, plus
Add: 1 lb per 35 lbs of material for packaging,
Plus: Add 30 lbs. per 1600 lbs for pallet(s).

Service Charge added for handling. Actual shipping weight determined by scale at the time of shipment.

SPECIFICATIONS

CLASSIC STONEWARE & PORCELAIN, NORTH COAST STONEWARE, STREAMLINE

General Description

McIntyre PORCELAIN & STONEWARE TILES are formed from wet clay, hand finished and hand glazed and single fired to 2400 degrees F. Each tile has a flat back and cushioned edge. Custom tiles may be produced at other temperatures and with other processes.

Standard Specifications

McIntyre Tile conforms to ANSI 137.1 as Special Purpose Tile. Our tiles are produced, graded and packed to our stated specifications. When requested by the purchaser prior to production, a Master Grade Certificate may be issued certifying compliance with properties mutually agreed upon by purchaser and McIntyre Tile. Generally, a Master Grade Certificate should be requested when the tile is specified for a commercial floor or any exterior use.

How to Specify

Glazed, high fired _____
(specify Porcelain, Stoneware or North Coast Stoneware) tile in actual size _____ (specify actual size) and color _____ (specify glaze name) as manufactured by McIntyre Tile Company, Healdsburg, California. Tile shall have a flat back, a cushioned edge, and shall be fully vitrified (absorption less than 3%). Tile shall conform to ANSI 137.1 as Special Purpose Tile. Allow 4-6 weeks from time of purchase order to delivery. Sales Terms are 50% down with order, balance COD.

Availability

These tiles are made to order and therefore subject to production limitations and order volume fluctuations. For purposes of specification, a lead time of 4-6 weeks is sufficient in most cases. Check with the factory or your local distributor for verification of delivery.

Color Variation

Most McIntyre glaze colors vary from tile to tile, some more than others. These variations are intentional, resulting from our particular production methods and our choice of raw materials. When specifying a McIntyre glaze, always work from a sampling of 3 or more tiles which represent the range of color you can expect on the job.

Murals

McIntyre murals should be laid out prior to installation to verify the spacing and fit. The tiles surrounding the mural should be carefully chosen to blend with those in the mural itself. Install murals at the same time as surrounding tiles to assure correct fit.

Slip Resistance

If specified when ordered, McIntyre will add an abrasive grit to any glazed tile for use on floors. The grit is either white (pure silica) or black (nickel alloy). The abrasives are most commonly used on shower floors and commercial floor applications.

Crazing

Crazing refers to the hair-line cracks which may occur in the glaze surface of tiles after firing and is common in hand crafted tile. All ceramic glazes are eventually subject to this effect. Certain glazes produced by McIntyre Tile are intentionally crazed for decorative effect. To minimize the possibility for staining, the factory recommends the use of natural gray grout. Penetrating sealers or grout releases may also be used per the manufacturer's instructions. To highlight the crazing, colored stains may be rubbed into the surface before sealing.

Size Variation

Because of the substantial shrinkage from wet to fired in the manufacturing, McIntyre tiles are subject to size variation. Dimensions on 6x6 and smaller tiles may vary up to 1/16" from the actual size specified, on 8x8 tile to 3/32" and on 12x12 tile to 1/8". Tile thickness may vary 1/32" from the dimensions specified. Deflection on 12x12 tiles is limited to 1/8" from a straight edge.

Custom Color Development

We specialize in custom color development. Generally, we can match the hue and sheen of a sample submitted. For a fixed development fee, we will conduct a series of glaze tests and make a prototype tile for submittal. Custom glazed tiles made for a job are surcharged 20%. Please allow 2-4 weeks for development time in our glaze lab.

Installation

Installation procedures should conform to the Tile Council of America "Handbook for Ceramic Tile Installation" (current edition). The layout should be evenly spaced on each surface and maximize the use of full tiles. Grout joints should align. Avoid grouping tiles of the same hue or value. Choose stacks of tiles from several different cartons to achieve the best overall blend of color.

Grout Space

McIntyre is sized modular with a square foot space allowing a 3/16" grout throughout. A narrower grout spacing can be used including "tight", however, additional tiles will be required to cover a given area. Close grout spaces accentuate tile irregularities.

Frost Proof

McIntyre Tile has a water absorption of less than 3% (vitreous) and is suitable for use in pools and spas for both interior and exterior applications.

Colored Grouts vs. Natural Gray

The factory recommends natural gray grout for all of its glazes to minimize staining from colored grout pigments. Caution is especially recommended with matte glazes. Test a loose piece of tile before grouting your installation. To reduce staining, use a Grout Release before grouting (except with Copper Flash glaze). Always test before using. Do not apply any materials to your tile without first satisfying yourself by testing, that the result will be satisfactory.

Maintenance

Minimal maintenance is required. Mild soaps should be sufficient for most cleaning. For persistent stains, stronger cleaners (even mild acids) may be used on the tile (except for Metallic glazes), but care must be taken to avoid contact with the grout, especially if a colored grout has been used. Test any cleaners before general use.

Durability Considerations

Depending on specific site conditions, all glazed tile are subject to wear over time. To determine the suitability for specific applications, each McIntyre glaze has been tested and ranked on the MOHS scale and classified according to hardness and recommended use. Light colors and matte glazes are a better choice in heavy use areas rather than dark colors and gloss finished glazes because scratches on the tile surface are less apparent. A means must be provided for people to clean abrasive materials off their shoes before walking on a glazed tile floor.

High-Fired Metallic Glazes

These tiles feature metal molecules embedded on the glaze surface for a sensational metal effect. The glazes are non-toxic in both manufacture and usage. The glaze surfaces are sensitive to oxidation and must be protected. It is pre-sealed at the factory. Periodically the sealer must be renewed to protect the metallic quality. These glazes are NOT suitable for areas where abrasion, water and/or strong chemicals are present. *Pre-test any sealers or grout releases before general use.* Some products will discolor the glaze/metal surface. McIntyre Tile will not be responsible for discoloration to this tile from chemicals or moisture.

SPECIFICATIONS - ARTS & CRAFTS, HACIENDA

General Description

This tile has more irregularities and texture than Classic in the tile body: minor nicks and marks under the glaze are included to present a more handcrafted and rustic appearance. Some glazes appear more textured than other glazes depending on the glaze translucency and character. The glaze hardness is Mohs 5-6 (Group 2) and MOHS 6-7 (Group 3).

Standard Specifications

McIntyre Tile conforms to ANSI 137.1 as Special Purpose Tile. Our tiles are produced, graded and packed to our stated specifications. When requested by the purchaser prior to production, a Master Grade Certificate may be issued certifying compliance with properties mutually agreed upon by purchaser and McIntyre Tile. Generally, a Master Grade Certificate should be requested when the tile is specified for a commercial floor or any exterior use.

How to Specify

Glazed, high fired _____
California Arts & Crafts (Hacienda) tile in
actual size _____ (specify
actual size) and color _____
(specify glaze name) as manufactured by
McIntyre Tile Company, Healdsburg,
California. Tile shall have a flat back, a
cushioned edge, and shall be fully vitrified
(absorption less than 3%). Tile shall con-
form to ANSI 137.1 as Special Purpose Tile.
Allow 4-6 weeks from time of purchase
order to delivery. Sales Terms are 50%
down with order, balance COD.

Availability

These tiles are made to order and therefore subject to production limitations and order volume fluctuations. For purposes of specification, a lead time of 4-6 weeks is sufficient in most cases. Check with the factory or your local distributor for verification of delivery.

Glaze Color Variations

McIntyre Arts & Crafts glazes have a wider range of variation than McIntyre standard Porcelain. These irregularities are part of the charm of these glazes and are typical.

Frost Proof

McIntyre Tile has a water absorption of less than 3% (vitreous) and is suitable for use in pools and spas for both interior and exterior applications.

Crazing

Some crazing may occur after firing. All ceramic glazes are eventually subject to this effect.

Installation

Installation procedures should confirm to the Tile Council of America "Handbook for Ceramic Tile Installation" (current edition). The layout should be evenly spaced on each surface and maximize the use of full tiles. Grout joints should align. Avoid grouping tiles of the same hue or value. Choose stacks of tiles from several different cartons to achieve the best overall blend of color.

Grout Space

McIntyre is sized modular with a square foot space, allowing a $\frac{3}{16}$ " grout throughout. A narrower grout spacing can be used including "tight", however, additional tiles will be required to cover a given area. Close grout spaces accentuate tile irregularities. When cutting tiles, use a diamond saw or if using the score-and-break method, cover the tool where it pushes against the tile with tape to protect against marking the tile.

Grout

Colored grouts are not recommended for matte glazes. Many Arts & Crafts and Hacienda glazes are matte or semi-matte finished. Colored grout pigments can discolor the surface of the glaze. Use a grout release before grout application to protect the glaze surface. Always test a sample tile first to confirm the desired effect. Colored grouts may be used with glossy glazes.

Durability Considerations

Depending on specific site conditions, all glazed tile are subject to wear over time. To determine the suitability for specific applications, each McIntyre glaze has been tested and ranked on the MOHS scale and classified according to hardness and recommended use. Light colors and matte glazes are a better choice in heavy use areas rather than dark colors and gloss finished glazes because scratches on the tile surface are less apparent. A means must be provided for people to clean abrasive materials off their shoes before walking on a glazed tile floor.

Custom Color Development

We specialize in custom color development. Generally, we can match the hue and sheen of a sample submitted. For a fixed development fee, we will conduct a series of glaze tests and make a prototype tile for submittal. Custom glazed tiles made for a job are surcharged 20%. Please allow 2-4 weeks for development time in our glaze lab.

Maintenance

Minimal maintenance is required. Mild soaps should be sufficient for most cleaning. For persistent stains, stronger cleaners (even mild acids) may be used on the tile (except for Metallic glazes), but care must be taken to avoid contact with the grout, especially if a colored grout has been used. Test any cleaners before general use.

SPECIFICATIONS - PROVENCE

General Description

McIntyre *PROVENCE TILES* are formed from wet clay, hand finished and hand glazed and single fired to 2400 degrees F. Each tile has a flat back and cushioned edge.

Standard Specifications

McIntyre Tile conforms to ANSI 137.1 as Special Purpose Tile. Our tiles are produced, graded and packed to our stated specifications. When requested by the purchaser prior to production, a Master Grade Certificate may be issued certifying compliance with properties mutually agreed upon by purchaser and McIntyre Tile. Generally, a Master Grade Certificate should be requested when the tile is specified for a commercial floor or any exterior use.

How to Specify

Glazed, high fired _____
PROVENCE TILES in actual size _____
(specify actual size)
and color _____ (specify
glaze name) as manufactured by McIntyre
Tile Company, Healdsburg, California. Tile
shall have a flat back, a cushioned edge, and
shall be fully vitrified (absorption less than
3%). Tile shall conform to ANSI 137.1 as
Special Purpose Tile. Allow 4-6 weeks from
time of purchase order to delivery. Sales
Terms are 50% down with order, balance
COD.

Availability

These tiles are made to order and therefore subject to production limitations and order volume fluctuations. For purposes of specification, a lead time of 4-6 weeks is sufficient in most cases. Check with the factory or your local distributor for verification of delivery.

Color Variation

Most McIntyre glaze colors vary from tile to tile, some more than others. These variations are intentional, resulting from our particular production methods and our choice of raw materials. When specifying a McIntyre glaze, always work from a sampling of 3 or more tiles which represent the range of color you can expect on the job.

Custom Color Development

We specialize in custom color development. Generally, we can match the hue and sheen of a sample submitted. For a fixed development fee, we will conduct a series of glaze tests and make a prototype tile for submittal. Custom glazed tiles are surcharged 20%. Please allow 2-4 weeks for color development time in our glaze lab.

Frost Proof

McIntyre Tile has a water absorption of less than 3% (vitreous) and is suitable for use in pools and spas for both interior and exterior applications.

Installation

Installation procedures should conform to the Tile Council of America "Handbook for Ceramic Tile Installation" (current edition). The layout should be evenly spaced on each surface and maximize the use of full tiles. Grout joints should align. Avoid grouping tiles of the same hue or value. Choose stacks of tiles from several different cartons to achieve the best overall blend of color.

Grout Space Allowance

McIntyre is sized modular with a square foot space, allowing a $\frac{3}{16}$ " grout joint throughout. A narrower grout spacing can be used including "tight", however, additional tiles will be required to cover a given area. Close grout spaces accentuate tile irregularities. When cutting tiles, use a diamond saw or if using the score-and-break method, cover the tool where it pushes against the tile with tape to protect against marking the tile.

Grouts

Colored grout pigments can discolor the surface of any glazed tile. A grout release must be used to minimize staining from colored grout pigments. Always test before using. Do not apply any materials to your tile without first satisfying yourself, by testing, that the result will be satisfactory.

Crazing

Some crazing may occur after firing. All ceramic glazes are eventually subject to this effect.

Durability Considerations

Depending on specific site conditions, all glazed tile are subject to wear over time. To determine the suitability for specific applications, each McIntyre glaze has been tested and ranked on the MOHS scale and classified according to hardness and recommended use. Light colors and matte glazes are a better choice in heavy use areas rather than dark colors and gloss finished glazes because scratches on the tile surface are less apparent. A means must be provided for people to clean abrasive materials off their shoes before walking on a glazed tile floor.

Maintenance

Minimal maintenance is required. Mild soaps should be sufficient for most cleaning. For persistent stains, stronger cleaners (even mild acids) may be used on the tile (except for Metallic glazes), but care must be taken to avoid contact with the grout, especially if a colored grout has been used. Test any cleaners before general use.

SPECIFICATIONS - LEGACY AND SHINO

General Description

McIntyre *LEGACY AND SHINO TILE* are formed from wet clay, hand finished and hand glazed and single fired to 2400 degrees F. Each tile has a flat back and cushioned edge.

Standard Specifications

McIntyre Tile conforms to ANSI 137.1 as Special Purpose Tile. Our tiles are produced, graded and packed to our stated specifications. When requested by the purchaser prior to production, a Master Grade Certificate may be issued certifying compliance with properties mutually agreed upon by purchaser and McIntyre Tile. Generally, a Master Grade Certificate should be requested when the tile is specified for a commercial floor or any exterior use.

How to Specify

Glazed, high fired McIntyre *LEGACY OR SHINO TILES* in actual size

_____ (specify actual size) and color _____ (specify glaze name) as manufactured by McIntyre Tile Company, Healdsburg, California. Tile shall have a flat back, a cushioned edge, and shall be fully vitrified (absorption less than 3%). Tile shall conform to ANSI 137.1 as Special Purpose Tile. Allow 4-6 weeks from time of purchase order to delivery. Sales Terms are: 50% down with order, balance COD.

Availability

This tile is made to order and are therefore subject to production limitations and order volume fluctuations. For purposes of specification, a lead time of 4-6 weeks is sufficient in most cases. Check with the factory or your local distributor for verification of delivery.

Color Variation

Most McIntyre glaze colors vary from tile to tile, some more than others. These variations are intentional, resulting from our particular production methods and our choice of raw materials. When specifying a McIntyre glaze, always work from a sampling of 3 or more tiles which represent the range of color you can expect on the job.

Frost Proof

McIntyre Tile has a water absorption of less than 3% (vitreous) and is suitable for use in pools and spas for both interior and exterior applications.

Legacy and Shino Feature Crackle Glazes (Crazing)

Crackle glaze or crazing is one of the distinguishing features of the *LEGACY* and *SHINO* product line. The crackle is determined by the chemical formula of the glaze. The crackle effect may be emphasized or de-emphasized, but will always be present with these tiles. To emphasize the crackle, rub India ink or other staining material into the craze lines. When the desired effect is achieved, the tiles may be sealed with a penetrating sealer. Staining these crackle tiles is the responsibility of the owner or installer and not the manufacturer. Thoroughly test loose samples before general application or installation. The crackle effect may be de-emphasized but never removed by pre-sealing the tiles with a penetrating sealer before installation and periodically re-treating them. Crackle fracture lines will become more pronounced over time.

Installation

Installation procedures should conform to the Tile Council of America "Handbook for Ceramic Tile Installation" (current edition). The layout should be evenly spaced on each surface and maximize the use of full tiles. Grout joints should align. Avoid grouping tiles of the same hue or value. Choose stacks of tiles from several different cartons to achieve the best overall blend of color.

Sealing

Legacy and Shino tile should be sealed after installation to prevent discoloration of the crackle in the glaze surface.

Grout Space Allowance

McIntyre is sized modular with a square foot space, allowing a $\frac{3}{16}$ " grout joint throughout. A narrower grout spacing can be used including "tight", however, additional tiles will be required to cover a given area. Close grout spaces accentuate tile irregularities. When cutting tiles, use a diamond saw.

Grouts

Colored grout pigments can discolor the surface of any glazed tile. The hairline fractures in the *LEGACY* and *SHINO* glazes may absorb grout pigments. A penetrating sealer may be used to minimize staining from colored grout pigments. Always test before using. Do not apply any materials to your tile without first satisfying yourself, by testing, that the result will be satisfactory.

Custom Color Development

We specialize in custom color development. Generally, we can match the hue and sheen of a sample submitted. For a fixed development fee, we will conduct a series of glaze tests and make a prototype tile for submittal. Custom glazed tiles are surcharged 20%. Please allow 2-4 weeks for color development time in our glaze lab.

Durability Considerations

Depending on specific site conditions, all glazed tile are subject to wear over time. To determine the suitability for specific applications, each McIntyre glaze has been tested and ranked on the MOHS scale and classified according to hardness and recommended use. Light colors and matte glazes are a better choice in heavy use areas rather than dark colors and gloss finished glazes because scratches on the tile surface are less apparent. A means must be provided for people to clean abrasive materials off their shoes before walking on a glazed tile floor.

Maintenance

Minimal maintenance is required. Mild soaps should be sufficient for most cleaning. For persistent stains, stronger cleaners (even mild acids) may be used on the tile (except for Metallic glazes), but care must be taken to avoid contact with the grout, especially if a colored grout has been used. Test any cleaners before general use.

SPECIFICATIONS - PIEDRAS

General Description

McIntyre *PIEDRAS TILES* are formed from wet clay, hand finished and hand glazed and single fired to 2400 degrees F. Each tile has a flat back and cushioned edge.

Standard Specifications

McIntyre Tile conforms to ANSI 137.1 as Special Purpose Tile. Our tiles are produced, graded and packed to our stated specifications. When requested by the purchaser prior to production, a Master Grade Certificate may be issued certifying compliance with properties mutually agreed upon by purchaser and McIntyre Tile. Generally, a Master Grade Certificate should be requested when the tile is specified for a commercial floor or any exterior use.

How to Specify

Glazed, high fired McIntyre *PIEDRAS TILES* in actual size _____ (specify actual size) and color _____ (specify glaze name) as manufactured by McIntyre Tile Company, Healdsburg, California. Tile shall have a flat back, a cushioned edge, and shall be fully vitrified (absorption less than 3%). Tile shall conform to ANSI 137.1 as Special Purpose Tile. Allow 4-6 weeks from time of purchase order to delivery. Sales Terms are: 50% down with order, balance COD.

Availability

These tiles are made to order and are therefore subject to production limitations and order volume fluctuations. For purposes of specification, a lead time of 4-6 weeks is sufficient in most cases. Check with the factory or your local distributor for verification of delivery.

Color Variation

McIntyre Piedras glazes are layered and will vary from tile to tile. Variations are more pronounced than single glazed tiles. When specifying a McIntyre Piedras glaze, always work from a sampling of 3 or more tiles which represent the range of variations. Display samples show typical variations you can expect. The proportion of each variation is subject to the actual fire conditions and may vary somewhat from lot to lot.

Crazing

Some crazing may occur after firing. All ceramic glazes are eventually subject to this effect.

Frost Proof

McIntyre Tile has a water absorption of less than 3% (vitreous) and is suitable for use in pools and spas for both interior and exterior applications.

Installation

Installation procedures should conform to the Tile Council of America "Handbook for Ceramic Tile Installation" (current edition). The layout should be evenly spaced on each surface and maximize the use of full tiles. Grout joints should align. Avoid grouping tiles of the same hue or value. Choose stacks of tiles from several different cartons to achieve the best overall blend of color.

Grout Space Allowance

McIntyre is sized modular with a square foot space, allowing a $\frac{3}{16}$ " grout joint throughout. A narrower grout spacing can be used including "tight", however, additional tiles will be required to cover a given area. Close grout spaces accentuate tile irregularities. When cutting tiles, use a diamond saw or if using the score-and-break method, cover the tool where it pushes against the tile with tape to protect against marking the tile.

Grouts

Colored grout pigments can discolor the surface of any glazed tile. The hairline fractures in the *PIEDRAS* glazes may absorb grout pigments. A penetrating sealer may be used to minimize staining from colored grout pigments. Always test before using. Do not apply any materials to your tile without first satisfying yourself, by testing, that the result will be satisfactory.

Durability Considerations

Depending on specific site conditions, all glazed tile are subject to wear over time. To determine the suitability for specific applications, each McIntyre glaze has been tested and ranked on the MOHS scale and classified according to hardness and recommended use. Light colors and matte glazes are a better choice in heavy use areas rather than dark colors and gloss finished glazes because scratches on the tile surface are less apparent. A means must be provided for people to clean abrasive materials off their shoes before walking on a glazed tile floor.

Piedras Metallic Glazes

Some *PIEDRAS* tiles incorporate metallic glazes: 161 & 101. The glazes are non-toxic in both manufacture and usage. The glaze surfaces are sensitive to oxidation and must be protected. It is pre-sealed at the factory. Periodically the sealer must be renewed to protect the metallic quality. These glazes are NOT suitable for areas where abrasion, water and/or strong chemicals are present. *Pre-test any sealers or grout releases before general use.* Some products will discolor the glaze/metal surface. McIntyre Tile will not be responsible for discoloration to this tile from chemicals or moisture.

Maintenance

Minimal maintenance is required. Mild soaps should be sufficient for most cleaning. For persistent stains, stronger cleaners (even mild acids) may be used on the tile (except for Metallic glazes), but care must be taken to avoid contact with the grout, especially if a colored grout has been used. Test any cleaners before general use.

Environmental Policy

McIntyre Tile was founded in 1972 by a group of artists, potters, and engineers with a primary goal of making beautiful tile with the simplest and most fundamental materials and methods available. We recycled an old wooden prune-drying building in Healdsburg, California into a small factory and thirty-seven years later continue to make tile there.

Many of our formulations and techniques date back many thousands of years to the ancient pottery traditions of Asia. For the most part, materials that make up any ceramic product are inexpensive clays and minerals that most people would refer to as dirt or rocks. To a potter these materials can be precious. Our manufacturing systems are continually being adjusted to insure that those invaluable materials are used with utmost efficiency and conservation. We realize that when we take part of the Earth's crust and fire it into tile, we have made something that has the potential to last as long as our planet. We consider that a humbling responsibility and take great pride in producing tiles of timeless beauty; tiles that upon closer examination are merely the ground we walk on recycled into a simple building material.

We consider recycling in three ways: first by formulating our clay bodies utilizing pre-consumer recovered waste materials that we purchase, second by processing internally produced scrap materials back into our clay bodies, and third by finding special markets for tiles that do not meet our exacting specifications.

The pre-consumer reclaimed waste materials that we use are ground brick and marble dust and can account for up to 50% of our clay body. Prior to being subjected to 2400 degrees Fahrenheit in our kilns, the materials that comprise our clays and glazes are blended with water. Clay manufactured but not used in tiles can be collected as scrap and recycled back into the production loop prior to firing. 99% of all scrap clay generated in the tile forming process is recycled back into new tile. 80% of all glaze over-spray is collected and recycled. When combining these factors, the resulting recycled content of any of our tile ranges between 50% and 85%. At present, we are not quite a closed-loop manufacturing facility and we still generate a small amount of material that cannot be reclaimed and must be discarded. However, our waste material is inert and non-hazardous and we are currently developing new products and methods that will incorporate all of that material.

Tiles that do not meet our exacting standards for quality also find good homes. Virtually all our fired tiles are put to practical use. Cosmetic seconds are sold at the factory to buyers from all over northern California and beyond for use as a beautiful and practical surface material. Thirds and broken tiles are provided to artists and schools for use in public and private mosaic work.

We continue to develop the most environmentally responsible manufacturing methods.

History

The McIntyre Tile Company was founded in 1972 in Healdsburg, California, which is located in the heart of the Sonoma County wine country. The ceramics team spent a year developing their original stoneware field tiles that were prized by San Francisco architects and designers for their warm, earthy look and color character. McIntyre is the only tile manufacturer that uses the same high fired, cone 10 - reduction process that is used in fine ceramic studios. The company's vision continues to be the successful translation of the studio pottery approach into field, trim and decorative tile.

When the use of color exploded in the 1980's, the McIntyre ceramics team created an entirely new palette of colors for a pure white porcelain claybody. Customers now had a choice of two distinct styles, stoneware or porcelain. The company also added trim tile and extruded trim in the mid 80's.

McIntyre has always been known for its decorative tile, featuring hand-painted art work and hand-cut mosaics. None of the mass production decorative techniques, such as decals or screen prints, are used at McIntyre. The popularity of hand-painted and carved tile continues and new motifs are regularly introduced. The company pioneered wet-cut mosaic decorative tile, which are very effective for small and large scale graphics and murals.

In 1994 the company introduced *California Arts and Crafts Series*. These tile feature a more rustic look, a textured surface and a hand-finished quality. In 1998, McIntyre introduced *Provence*, featuring light and bright colors with purity of color and hue. Provence tile have a rustic hand-molded look for great informal style. Summer 2000 was the launch date for *Legacy*. Legacy features crackle glazes with matte or shiny surfaces. Colors are light neutrals with moderate tonal variation. *Piedras* was launched in 2004, it is the most complex and demanding of craftsmanship, *Piedras* is also the most naturalistic and variegated design. 2005, *North Coast Stoneware* updates and expands McIntyre's stoneware glaze palette. Featuring semi-transparent glazes fired in oxidation, these tile are both refined and rugged. This creates a new look for McIntyre Stoneware. *Contours* and *Hacienda Tile* were added in 2007. Susan Greenleaf Botanicals in 2008 and Shino and Mozaiquitos in 2009. Streamline was launched in 2010.

In 2007 McIntyre Tile was acquired by Elgin Butler Company, a manufacturer of Glazed Brick and Structural Glazed Tile. McIntyre Tile is now a wholly owned subsidiary of Elgin Butler.

McIntyre Tile is proud of its long-term relationships with distinguished tile showrooms, architects and designers.

McIntyre Tile is sold throughout the United States in select tile showrooms.

Custom Manufacturing

Every job is custom-manufactured to order at the Healdsburg plant. The company's capability in color matching and customization, giving individual attention to every order, sets McIntyre apart. The custom production methods give the finished tile the beauty and originality of handmade art.

Craftspeople formulate the clays and glazes, shape, cut, fire and finish the tile. The personal attention to each order enables McIntyre to produce tile of the widest variety, highest standard and create unique colors, in the shapes and sizes required by our customers.

Office Hours: Monday through Friday, 9 A.M. to 4:30 P.M. (PST).

Voice mail after hours and occasionally during the day.

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Specifications Brochure Version 2011-4

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