



TECHNICAL GUIDE

TECHNICAL GUIDE

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ICON LEGEND



Wall



Showers



Shower Floor



Residential Floor



Indoor



Pool Waterlines/Water Fountains



Outdoor Cooking/Bar Spaces
(Non Freeze-Thaw Climates)



Fireplace Surrounds



FIELD TILES		
SIZE	SIZE SPECIFICATIONS	THICKNESS*
FLAT TILE		
3"x6"	2.953"x5.906" (75mm x 150mm)	0.256" (6.5mm)
6"x6"	5.906"x5.906" (150mm x 150mm)	0.236" (6mm)
4"x8"	3.937"x7.874" (100mm x 200mm)	0.295" (7.5mm)
2"x8"	1.969"x7.874" (50mm x 200mm)	0.275" (7mm)
3"x12"	2.953"x11.811" (75mm x 300mm)	0.307" (7.8mm)
4"x12"	3.937"x11.811" (100mm x 300mm)	0.295" (7.5mm)
6"x12"	5.906"x11.811" (150mm x 300mm)	0.307" (7.8mm)
BEVELED TILE		
3"x6" Beveled	2.953"x5.906" (75mm x 150mm)	0.303" (7.7mm)
4"x8" Beveled	3.937"x7.874" (100mm x 200mm)	0.295" (7.5mm)

DECORATIVE ACCESSORIES & FINISHING TOUCHES		
Stripe Liner 0.7"x 6"	0.709"x5.905" (18mm x 150mm)	0.472" (12mm)
Stripe Liner 1"x12"	0.827"x11.811" (21mm x 300mm)	0.551" (14mm)
Quarter Round 1"x6"	1.024"x5.945" (26mm x 151mm)	0.354" (9mm)
Chair Molding 1.4"x6"	1.457"x5.905" (37mm x 150mm)	0.787" (20mm)
Chair Molding 2"x8"	2.008"x7.874" (51mm x 200mm)	0.827" (21mm)
Crown Molding 2.8"x12"	2.795"x11.811" (71mm x 300mm)	0.827" (21mm)
Base Board (Glazed Top Edge) 6"x6"	5.905"x5.905" (150mm x 150mm)	0.591" (15mm)
Base Board (Glazed Top Edge) 6"x12"	5.945"x11.811" (151mm x 300mm)	0.669" (17mm)

*Thickness is understood as the highest point of the tile.

APPLICATIONS		
	SUITABLE RESIDENTIAL	SUITABLE COMMERCIAL
Bathroom Walls	YES	YES
Shower Walls	YES	YES
Kitchen Walls	YES	YES
Countertops	YES	NO
Fireplace Surrounds	YES	YES
Outdoor Cooking / Bar Spaces (Non Freeze-Thaw Climates)	YES	YES
Pool Waterlines / Water Fountains	NO	NO
Floors	NO	NO
PERFORMANCE CHARACTERISTICS		
	TEST METHOD ATSM / ISO	RESULT
Water Absorption	C-373 / 10545-3	Pass
Breaking Strength	C-648 / 10545-4	Pass
Stain Resistance	C-651 / 10545-14	Resistant
Facial Dimensions	C-499 / 10545-2	Pass
Range of Thickness	C-499 / 10545-2	Pass
Warpage	C-485 / 10545-2	Pass

INSTALLATION	
GROUT JOINT RECOMMENDATION	SHADE VARIATION
1/8"	V1 - Uniform Appearance

CLEANING RECOMMENDATIONS
Routine with a non-abrasive/non-acidic, mild and PH neutral cleaner

CHARACTERISTICS	
Glaze	Solid
Surface Sheen	Glossy
Texture	Smooth

Due to the nature of our tile, a certain amount of variation in color, shading, surface and texture are to be expected.
Satin Finish: Due to the nature of some dark grout pigments, it is recommended to avoid dark color or contrasting color grout to prevent potential staining and grout haze.



FIELD TILES		
SIZE	SIZE SPECIFICATIONS	THICKNESS*
FLAT TILE		
2.8"x5.8"	2.874"x5.827" (73mm x 148mm)	0.346" (8.8mm)
5.8"x5.8"	5.827"x5.827" (148mm x 148mm)	0.346" (8.8mm)
3."8x7.8"	3.858"x7.795" (98mm x 198mm)	0.346" (8.8mm)
1.9"x7.8"	1.890"x7.795" (48mm x 198mm)	0.346" (8.8mm)
BEVELED TILE		
6" Arabesque Beveled	5.906"x5.906" (150mm x 150mm)	0.488" (12.4mm)
6" Tear Drop Beveled	5.2362"x5.906" (133mm x 150mm)	0.460" (11.7mm)
FRAMED TILE		
2.8"x5.8" Framed	2.874"x5.827" (73mm x 148mm)	0.543" (13.8mm)

DECORATIVE ACCESSORIES & FINISHING TOUCHES		
Ponciana Liner 1"x7.8"	0.984"x7.795" (25mm x 198mm)	0.394" (10mm)
Round Bar Liner 1.2"x7.8"	1.102"x7.795" (28mm x 198mm)	0.669" (17mm)
Stripe Liner 0.7"x7.8"	0.709"x7.795" (18mm x 198mm)	0.512" (13mm)
Quarter Round 1"x5.8"	0.945"x5.827" (24mm x 148mm)	0.394" (10mm)
Rail Molding 2.8"x7.8"	2.992"x7.795" (76mm x 198mm)	1.102" (28mm)
Chair Molding 2"x7.8"	2.008"x7.795" (51mm x 198mm)	0.866" (22mm)
Base Board (Glazed Top Edge) 5.8"x5.8"	5.827"x5.827" (148mm x 148mm)	0.512" (13mm)

*Thickness is understood as the highest point of the tile.

APPLICATIONS		
	SUITABLE RESIDENTIAL	SUITABLE COMMERCIAL
Bathroom Walls	YES	YES
Shower Walls	YES	YES
Kitchen Walls	YES	YES
Countertops	YES	NO
Fireplace Surrounds	YES	YES
Outdoor Cooking / Bar Spaces (Non Freeze-Thaw Climates)	YES	YES
Pool Waterlines / Water Fountains	NO	NO
Floors	NO	NO
PERFORMANCE CHARACTERISTICS		
	TEST METHOD ATSM / ISO	RESULT
Water Absorption	C-373 / 10545-3	Pass
Breaking Strength	C-648 / 10545-4	Pass
Stain Resistance	C-651 / 10545-14	Resistant
Facial Dimensions	C-499 / 10545-2	Pass
Range of Thickness	C-499 / 10545-2	Pass
Warpage	C-485 / 10545-2	Pass

INSTALLATION	
GROUT JOINT RECOMMENDATION	SHADE VARIATION
1/8"	V1 - Uniform Appearance

CLEANING RECOMMENDATIONS
Routine with a non-abrasive/non-acidic, mild and PH neutral cleaner

CHARACTERISTICS	
Glaze	Solid with subtle movement
Surface Sheen	Glossy
Texture	Slightly Undulated

Due to the nature of our tile, a certain amount of variation in color, shading, surface and texture are to be expected.



FIELD TILES		
SIZE	SIZE SPECIFICATIONS	THICKNESS*
FLAT TILE		
4"x4"	3.917"x3.917" (99.5mm x 99.5mm)	0.295" (7.5mm)
4"x6"	3.957"x5.913" (100.5mm x 150.2mm)	0.295" (7.5mm)
8"x8"	7.874"x7.874" (200mm x 200mm)	0.295" (7.5mm)
DECORATIVE ACCESSORIES & FINISHING TOUCHES		
Stripe Liner (One Overglazed Edge) 0.7"x8"	0.709"x7.913" (18mm x 201mm)	0.512" (13mm)
Quarter Round 1"x8"	1.024"x7.874" (26mm x 200mm)	0.354" (9mm)
Chair Molding 2"x8"	2.008"x7.874" (51mm x 200mm)	0.827" (21mm)
Base Board (Glazed Top Edge) 4"x8"	3.976"x7.874" (101mm x 200mm)	0.591" (15mm)
APPLICATIONS		
	SUITABLE RESIDENTIAL	SUITABLE COMMERCIAL
Bathroom Walls	YES	YES
Shower Walls	YES	YES
Kitchen Walls	YES	YES
Countertops	YES	NO
Fireplace Surrounds	YES	YES
Outdoor Cooking / Bar Spaces (Non Freeze-Thaw Climates)	YES	YES
Pool Waterlines / Water Fountains	NO	NO
Floors	NO	NO
PERFORMANCE CHARACTERISTICS		
	TEST METHOD ATSM / ISO	RESULT
Water Absorption	C-373 / 10545-3	Pass
Breaking Strength	C-648 / 10545-4	Pass
Stain Resistance	C-651 / 10545-14	Resistant
Facial Dimensions	C-499 / 10545-2	Pass
Range of Thickness	C-499 / 10545-2	Pass
Warpage	C-485 / 10545-2	Pass

INSTALLATION	
GROUT JOINT RECOMMENDATION	SHADE VARIATION
1/8"	V3 - Moderate Variation

CLEANING RECOMMENDATIONS
Routine with a non-abrasive/non-acidic, mild and PH neutral cleaner

CHARACTERISTICS	
Glaze	Solid with high color variation
Surface Sheen	Glossy
Texture	Smooth

*Thickness is understood as the highest point of the tile.

Due to the nature of our tile, a certain amount of variation in color, shading, surface and texture are to be expected.

This collection is characterized by its shade variation. Some colors in the series have more variation than others. Expect shade variation between the individual field tiles and between field and trim within each color. Due to the shape of the pieces and the nature of production, this is especially true for variation between field and trims. Trim pieces like quarter rounds, finishing edges and other moldings may have more glaze pooling and different pooling effects than other pieces. Expect variation within each run, and from production to production. IT IS IMPORTANT TO BLEND TILE WITHIN EACH CARTON AND FROM MULTIPLE CARTONS DURING INSTALLATION. This is best achieved by laying out the material prior to installation.



FIELD TILES		
SIZE	SIZE SPECIFICATIONS	THICKNESS*
UNDULATED TILE		
2.5"x5.1"	2.520"x5.118" (64mm x 130mm)	0.295" (7.5mm)
2.5"x10.3"	2.520"x10.315" (64mm x 262mm)	0.303" (7.7mm)
5.1"x5.1"	5.118"x5.118" (130mm x 130mm)	0.303" (7.7mm)
DECORATIVE ACCESSORIES & FINISHING TOUCHES		
Liner (One Overglazed Edge) 0.6"x10.3"	0.630"x10.315"(16mm x 262mm)	0.354" (9mm)
Quarter Round 1"x10.3"	1.024"x10.315" (26mm x 262mm)	0.394" (10mm)
Molding 2"x10.3"	2.008"x10.315" (51mm x 262mm)	0.591" (15mm)
Base Board (Glazed Top Edge) 4"x10.3"	3.976"x10.315" (101mm x 262mm)	0.551" (14mm)
APPLICATIONS		
	SUITABLE RESIDENTIAL	SUITABLE COMMERCIAL
Bathroom Walls	YES	YES
Shower Walls	YES	YES
Kitchen Walls	YES	YES
Countertops	YES	NO
Fireplace Surrounds	YES	YES
Outdoor Cooking / Bar Spaces (Non Freeze-Thaw Climates)	YES	YES
Pool Waterlines / Water Fountains	NO	NO
Floors	NO	NO
PERFORMANCE CHARACTERISTICS		
	TEST METHOD ATSM / ISO	RESULT
Water Absorption	C-373 / 10545-3	Pass
Breaking Strength	C-648 / 10545-4	Pass
Stain Resistance	C-651 / 10545-14	Resistant
Facial Dimensions	C-499 / 10545-2	Pass
Range of Thickness	C-499 / 10545-2	Pass
Warpage	C-485 / 10545-2	Pass

*Thickness is understood as the highest point of the tile.

INSTALLATION	
GROUT JOINT RECOMMENDATION	SHADE VARIATION
1/8"	V3 - Moderate Variation

CLEANING RECOMMENDATIONS
Routine with a non-abrasive/non-acidic, mild and PH neutral cleaner

CHARACTERISTICS	
Glaze	Solid with subtle movement and high color variation
Surface Sheen	Glossy and Matte
Texture	Slightly Uindulated

Due to the nature of our tile, a certain amount of variation in color, shading, surface and texture are to be expected.

This collection is characterized by its shade variation. Some colors in the series have more variation than others. Expect shade variation between the individual field tiles and between field and trim within each color. Due to the shape of the pieces and the nature of production, this is especially true for variation between field and trims. Trim pieces like quarter rounds, finishing edges and other moldings may have more glaze pooling and different pooling effects than other pieces. Expect variation within each run, and from production to production. IT IS IMPORTANT TO BLEND TILE WITHIN EACH CARTON AND FROM MULTIPLE CARTONS DURING INSTALLATION. This is best achieved by laying out the material prior to installation.



FIELD TILES		
SIZE	SIZE SPECIFICATIONS	THICKNESS*
UNDULATED TILE		
4"x4"	3.894"x3.894" (98.9mm x 98.9mm)	0.394" (10mm)
2"x6"	1.977"x5.866" (50.2mm x 149mm)	0.433" (11mm)
2.5"x8"	2.543"x 7.894"(64.6mm x 200.5mm)	0.413" (10.5mm)
4.2"x4.9"	4.276"x4.902" (108.6mm x 124.5mm)	0.394" (10mm)
DECORATIVE ACCESSORIES & FINISHING TOUCHES		
Liner (One Overglazed Edge) 0.6"x8"	0.622"x7.874" (15.8mm x 200mm)	0.354" (9mm)
Quarter Round 1"x8"	1.02" x7.886" (25.9mm x 200.3mm)	0.354" (9mm)
Rail Molding 2"x8"	1.988" x7.913" (50.5mm x 201mm)	0.807" (20.5mm)
Base Board (Glazed Top Edge) 6"x8"	5.957" x7.913" (151.3mm x 201mm)	0.650" (16.5mm)
APPLICATIONS		
	SUITABLE RESIDENTIAL	SUITABLE COMMERCIAL
Bathroom Walls	YES	YES
Shower Walls	YES	YES
Kitchen Walls	YES	YES
Countertops	YES	NO
Fireplace Surrounds	YES	YES
Outdoor Cooking / Bar Spaces (Non Freeze-Thaw Climates)	YES	YES
Pool Waterlines / Water Fountains	NO	NO
Floors	NO	NO
PERFORMANCE CHARACTERISTICS		
	TEST METHOD ATSM / ISO	RESULT
Water Absorption	C-373 / 10545-3	Pass
Breaking Strength	C-648 / 10545-4	Pass
Stain Resistance	C-651 / 10545-14	Resistant
Facial Dimensions	C-499 / 10545-2	Pass
Range of Thickness	C-499 / 10545-2	Pass
Warpage	C-485 / 10545-2	Pass

*Thickness is understood as the highest point of the tile.

INSTALLATION	
GROUT JOINT RECOMMENDATION	SHADE VARIATION
1/8"	V3 - Moderate Variation

CLEANING RECOMMENDATIONS
Routine with a non-abrasive/non-acidic, mild and PH neutral cleaner

CHARACTERISTICS	
Glaze	Solid with subtle movement and high color variation
Surface Sheen	Glossy and Matte
Texture	Undulated

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FIELD TILES		
SIZE	SIZE SPECIFICATIONS	THICKNESS*
UNDULATED TILE		
3"x6"	2.953"x5.905" (75mm x 150mm)	0.366" (9.3mm)
3"x12"	2.953"x11.811" (75mm x 300mm)	0.366" (9.3mm)
TEXTURED TILE		
3"x6" Textured	2.953"x5.905" (75mm x 150mm)	0.366" (9.3mm)
3"x12" Textured	2.953"x11.811" (75mm x 300mm)	0.366" (9.3mm)
3"x6" Waves	2.953"x5.905" (75mm x 150mm)	0.366" (9.3mm)
3"x12" Waves	2.953"x11.811" (75mm x 300mm)	0.366" (9.3mm)

DECORATIVE ACCESSORIES & FINISHING TOUCHES		
Bar Liner 1"x6"	0.984"x5.905" (25mm x 150mm)	0.669" (17mm)
Bar Liner 1"x12"	0.984"x11.771" (25mm x 299mm)	0.669" (17mm)
Quarter Round 1"x6"	0.905"x5.827" (23mm x 148mm)	0.394" (10mm)
Molding 2.4"x6"	2.401"x5.827" (61mm x 148mm)	1.102" (28mm)
Molding 2.4"x12"	2.401"x11.771" (61mm x 299mm)	1.102" (28mm)
Base Board (Glazed Top Edge) 5.1"x6"	5.157"x5.827" (131mm x 148mm)	0.512" (13mm)
Base Board (Glazed Top Edge) 5.1"x12"	5.118"x11.811" (130mm x 300mm)	0.512" (13mm)

*Thickness is understood as the highest point of the tile.

APPLICATIONS		
	SUITABLE RESIDENTIAL	SUITABLE COMMERCIAL
Bathroom Walls**	YES	YES
Shower Walls**	YES	YES
Kitchen Walls**	YES	YES
Countertops	NO	NO
Fireplace Surrounds**	YES	YES
Outdoor Cooking / Bar Spaces (Non Freeze-Thaw Climates)**	YES	YES
Pool Waterlines / Water Fountains	NO	NO
Floors	NO	NO
	TEST METHOD ATSM / ISO	RESULT
Water Absorption	C-373 / 10545-3	Pass
Breaking Strength	C-648 / 10545-4	Pass
Stain Resistance***	C-651 / 10545-14	Resistant
Facial Dimensions	C-499 / 10545-2	Pass
Range of Thickness	C-499 / 10545-2	Pass
Warpage	C-485 / 10545-2	Pass
INSTALLATION		
GROUT JOINT RECOMMENDATION		SHADE VARIATION
3/8"		V1 - Uniform Appearance
CLEANING RECOMMENDATIONS		
Routine with a non-abrasive/non-acidic, mild and PH neutral cleaner		
SEALING GUIDELINES		
Solvent based penetrating sealer suitable for ceramic tiles		
CHARACTERISTICS		
Glaze	Crackle with subtle movement	
Surface Sheen	Semi-Matte	
Texture	Slightly Undulated	

**Crackle tiles must be properly sealed. (See SEALING instructions in INSTALLATION & MAINTENANCE guidelines).

*** In order to accomplish this test, the tile must be properly sealed.

Due to the nature of our tile, a certain amount of variation in color, shading, surface and texture are to be expected.



FIELD TILES		
SIZE	SIZE SPECIFICATIONS	THICKNESS*
UNDULATED TILE		
3"x6"	2.913"x5.827" (74mm x 148mm)	0.307" (7.8mm)
3"x9"	2.913"x8.740" (74mm x 222mm)	0.319" (8.1mm)
DECORATIVE ACCESSORIES & FINISHING TOUCHES		
Stripe Liner 0.8"x6"	0.787"x5.827" (20mm x 148mm)	0.472" (12mm)
Bar Liner 1"x6	0.984"x5.866" (25mm x 149mm)	0.630" (16mm)
Quarter Round 1"x6"	0.984"x5.827" (25mm x 148mm)	0.354" (9mm)
Chair Molding 1.2"x6"	1.181"x5.866" (30mm x 149mm)	0.787" (20mm)
Rail Molding 2"x6"	1.968"x5.827" (50mm x 148mm)	0.945" (24mm)
Base Board (Glazed Top Edge) 6"x6"	5.866"x5.866" (149mm x 149mm)	0.551" (14mm)
APPLICATIONS		
	SUITABLE RESIDENTIAL	SUITABLE COMMERCIAL
Bathroom Walls**	YES	YES
Shower Walls**	YES	YES
Kitchen Walls**	YES	YES
Countertops	NO	NO
Fireplace Surrounds**	YES	YES
Outdoor Cooking / Bar Spaces (Non Freeze-Thaw Climates)**	YES	YES
Pool Waterlines / Water Fountaines	NO	NO
Floors	NO	NO
PERFORMANCE CHARACTERISTICS		
	TEST METHOD ATSM / ISO	RESULT
Water Absorption	C-373 / 10545-3	Pass
Breaking Strength	C-648 / 10545-4	Pass
Stain Resistance***	C-651 / 10545-14	Resistant
Facial Dimensions	C-499 / 10545-2	Pass
Range of Thickness	C-499 / 10545-2	Pass
Warpage	C-485 / 10545-2	Pass

INSTALLATION	
GROUT JOINT RECOMMENDATION	SHADE VARIATION
1/8"	V1 - Uniform Appearance

CLEANING RECOMMENDATIONS
Routine with a non-abrasive/non-acidic, mild and PH neutral cleaner
SEALING GUIDELINES
Solvent based penetrating sealer suitable for ceramic tiles

CHARACTERISTICS	
Glaze	Crackle with subtle movement
Surface Sheen	Glossy
Texture	Slightly Undulated

*Thickness is understood as the highest point of the tile.

**Crackle tiles must be properly sealed. (See SEALING instructions in INSTALLATION & MAINTENANCE guidelines).

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Due to the nature of our tile, a certain amount of variation in color, shading, surface and texture are to be expected.



FIELD TILES		
SIZE	SIZE SPECIFICATIONS	THICKNESS*
FLAT TILE		
3"x6"	2.953"x5.906" (75mm x 150mm)	0.256" (6.5mm)
2"x8"	1.969"x7.874" (50mm x 200mm)	0.275" (7mm)
4"x8"	3.937"x7.874" (100mm x 200mm)	0.295" (7.5mm)
BEVELED TILE		
3"x6" Beveled	2.953"x5.906" (75mm x 150mm)	0.303" (7.7mm)
DECORATIVE ACCESSORIES & FINISHING TOUCHES		
Bar Liner 1"x6"	0.984"x5.905" (25mm x 150mm)	0.709" (18mm)
Stripe Liner 0.7"x6"	0.709"x5.905" (18mm x 150mm)	0.472" (12mm)
Quarter Round 1"x6"	1.024"x5.905" (26mm x 150mm)	0.354" (9mm)
Chair Molding 1.4"x6"	1.457"x5.905" (37mm x 150mm)	0.787" (20mm)
Chair Molding 2"x8"	1.968"x7.874" (50mm x 200mm)	0.827" (21mm)
Rail Molding 2"x6"	2.007"x5.945" (51mm x 151mm)	0.669" (17mm)
Crown Molding 3"x6"	2.992"x5.905" (76mm x 150mm)	0.748" (19mm)
Base Board (Glazed Top Edge) 6"x6"	5.905"x5.905" (150mm x 150mm)	0.591" (15mm)
APPLICATIONS		
	SUITABLE RESIDENTIAL	SUITABLE COMMERCIAL
Bathroom Walls**	YES	YES
Shower Walls**	YES	YES
Kitchen Walls**	YES	YES
Countertops	NO	NO
Fireplace Surrounds**	YES	YES
Outdoor Cooking / Bar Spaces (Non Freeze-Thaw Climates)**	YES	YES
Pool Waterlines / Water Fountaines	NO	NO
Floors	NO	NO
PERFORMANCE CHARACTERISTICS		
	TEST METHOD ATSM / ISO	RESULT
Water Absorption	C-373 / 10545-3	Pass
Breaking Strength	C-648 / 10545-4	Pass
Stain Resistance***	C-651 / 10545-14	Resistant
Facial Dimensions	C-499 / 10545-2	Pass
Range of Thickness	C-499 / 10545-2	Pass
Warpage	C-485 / 10545-2	Pass

INSTALLATION	
GROUT JOINT RECOMMENDATION	SHADE VARIATION
1/8"	V1 - Uniform Appearance

CLEANING RECOMMENDATIONS
Routine with a non-abrasive/non-acidic, mild and PH neutral cleaner
SEALING GUIDELINES
Solvent based penetrating sealer suitable for ceramic tiles

CHARACTERISTICS	
Glaze	Crackle
Surface Sheen	Glossy
Texture	Smooth

*Thickness is understood as the highest point of the tile.

**Crackle tiles must be properly sealed. (See SEALING instructions in INSTALLATION & MAINTENANCE guidelines).

*** In order to accomplish this test, the tile must be properly sealed.

Due to the nature of our tile, a certain amount of variation in color, shading, surface and texture are to be expected.



FIELD TILES		
SIZE	SIZE SPECIFICATIONS	THICKNESS*
MESH MOUNTED		
Penny Rounds 3/4" 12.38" x 11.50"	12.362"x11.496" (314mm x 292mm)	0.157" (4mm)
Hexagons 1" 11.97" x 11.69"	11.967"x11.693" (303.97mm x 297mm)	0.236" (6mm)
APPLICATIONS		
	SUITABLE RESIDENTIAL	SUITABLE COMMERCIAL
Bathroom Walls	YES	YES
Shower Walls	YES	YES
Kitchen Walls	YES	YES
Countertops	NO	NO
Fireplace Surrounds	YES	YES
Outdoor Cooking / Bar Spaces**	YES	YES
Pool Waterlines / Water Fountains**	YES	YES
Floors***	YES	NO
PERFORMANCE CHARACTERISTICS		
	TEST METHOD ATSM / ISO	RESULT
Water Absorption	C-373 / 10545-3	0.00%
Breaking Strength	C-648 / 10545-4	N/A
Stain Resistance	C-651 / 10545-14	Resistant
Facial Dimensions	C-499 / 10545-2	Avg. 18.741mm
Range of Thickness	C-499 / 10545-2	Avg. 4.924mm
Warpage	C-485 / 10545-2	0

INSTALLATION	
GROUT JOINT RECOMMENDATION	SHADE VARIATION
5/64"	V2 - Slight Variation

CLEANING RECOMMENDATIONS
Routine with a non-abrasive/non-acidic, mild and PH neutral cleaner

CHARACTERISTICS	
Glaze	Solid with subtle movement
Surface Sheen	Glossy & Matte
Texture	Slightly Undulated

*Thickness is understood as the highest point of the tile.

**Not recommended for freeze-thaw enviroments.

*** Only Matte Colors (White and Black) and for residential use.

Due to the nature of our tile, a certain amount of variation in color, shading, surface and texture are to be expected.



FIELD TILES	
SIZE	THICKNESS*
GLAZED PORCELAIN TILES	
Square 7.4"x7.4"	0.236" (6mm)
Picket 1.5"x9"	0.236" (6mm)
Hex 8"x9"	0.275" (7mm)
Hex Deco 8"x9"	0.275" (7mm)

APPLICATIONS		
	SUITABLE RESIDENTIAL	SUITABLE COMMERCIAL
Bathroom Walls	YES	YES
Shower Walls	YES	YES
Kitchen Walls	YES	YES
Countertops	YES	NO
Fireplace Surrounds	YES	YES
Outdoor Cooking / Bar Spaces	YES	YES
Pool Waterlines / Water Fountaines	NO	NO
Floors	YES	NO

PERFORMANCE CHARACTERISTICS			
	TEST METHOD ATSM / ISO	RESULT	
		GLAZED PORCELAIN TILES 36% RECYCLED	
Target DCOF >.42Wet	ANSI A137-2012	>0.50	
PEI Rating	ANSI A137.1-2008 UNE EN ISO 10545-7	White	4
		Bone	3
		Light Gray	3
		Dark Gray	3
		Azure	3
		Black	2
		Wood	3
		Deco	3
Moisture Absorption	ASTM C-373 UNE EN ISO 10545-3	≤ 0.50%	
Break Strength	ASTM C-648 UNE EN ISO 10545-4	Pass	
Stain Resistance	ASTM C-650 UNE EN ISO 10545-14	Ressistant	
Freeze-Thaw Resistance	ASTM C-1026 UNE EN ISO 10545-12	Yes	

INSTALLATION	
GROUT JOINT RECOMMENDATION	SHADE VARIATION
Minimum of 5/64"	V1 - Uniform Appearance

CLEANING RECOMMENDATIONS
Routine with a non-abrasive/non-acidic, mild and PH neutral cleaner

CHARACTERISTICS	
Glaze	Solid
Surface Sheen	Semi-Matte
Texture	Smooth

*Thickness is understood as the highest point of the tile.
Due to the nature of our tile, a certain amount of variation in color, shading, surface and texture are to be expected.

*** In order to accomplish this test, the tile must be properly sealed.

Characteristics	Neri	Studio	Riviera	Habitat	Levante	Earth	Ocean	Hampton	Mosaic	Floor
Glaze	Solid	Solid with subtle movement	Solid with high color variation	Solid with subtle movement and high color variation	Solid with subtle movement and high color variation	Crackle with subtle movement	Crackle with subtle movement	Crackle	Solid with subtle movement	Solid
Surface Sheen	Glossy & Satin	Glossy	Glossy	Glossy & Matte	Glossy & Matte	Semi-Matte	Glossy	Glossy	Glossy & Matte	Semi-Matte
Texture	Smooth	Slightly Undulated	Smooth	Slightly Undulated	Undulated	Slightly Undulated	Slightly Undulated	Smooth	Slightly Undulated	Smooth
Color Variation	V-1	V-1	V-3	V-3	V-3	V-1	V-1	V-1	V-2	V-1

[illegible]

INSTALLATION & MAINTENANCE

CERAMIC TILES

The surface where the product is going to be installed must be clean and level.

We strongly recommend dry laying prior to installation. Blending of the ceramic tile glaze is key to insuring a pleasing overall look to your room. This will resolve any color or size issues prior to installation and will serve as a review of tile placement.

All our tiles are to be installed using the prevailing guidelines as set forth in the TCNA (Tile Council of North America) Handbook and the ANSI (American National Standards Institute) specifications. Installation should be carried out by experienced personnel.

SETTING MATERIALS

Install with any high-quality adhesive recommended for ceramic tiles. This must also be suitable for the environment they will have to withstand.

Fitting with traditional mortars does not ensure good adhesion.

For Mud Installations, all setting materials and installation methods should be performed using the prevailing guidelines set by the TCNA (Tile Council of North America) Handbook and the ANSI (American National Standards Institute) specifications.

GROUT

Unsanded grout is typically used for grout joints 1/8" or smaller.

Sanded grout is recommended for grout joints larger than 1/8", as long as the excess material is removed with a damp sponge. Using notched trowels or grout floats may scratch the tile. Special care should be exercised with high sheen surfaces.

The color of the grout should be as close as possible to the color of your tile.

We do not recommend contrasting color grouts on our crackled glazed tiles.

NOTE: For Satin Finish tiles, due to the nature of some dark grout pigments, it is recommended to avoid dark color or contrasting color grout, to prevent potential staining and grout haze.

METHOD

Follow the appropriate standard ceramic procedures provided by the TCNA (Tile Council of North America) Handbook and the ANSI (American National Standards Institute) specifications.

The surfaces of raised/dimensional decorative accents, borders or liners can be taped off during grouting to facilitate cleanup. To help keep border, liner and molding grout joints tight, offset the joints between field tile, trim and accent rows.

SEALING

Solid Glazes:
Sealing is not required for Solid Glazes.

Crackle Glazes:
The effect of crackle glaze on ceramic tile occurs when the glaze and the body of the tile undergo differential shrinkage and cooling. This process leads to surface tension and the formation of cracks. Varying levels of contraction in the glaze and clay creates delicate micro-fractures within the glaze.

Sealing is mandatory for Crackle Glazes. We recommend sealing our crackled glaze tiles with a solvent based penetrating sealer before and after grouting.

1. The sealer penetrates the fine, hairline fissures in the glaze and prevents dirt and dusk darkening the crackle over a period of time.
2. Sealing the crackled glaze makes it easier to maintain and clean.

3. Proper application of the sealer (wipe off any excess from glazed surface) will not harm or change the appearance of the tile.
4. Reapply to grout joints and crackle glazes periodically as needed. When water no longer beads on the surface of the joints, resealing is required.

We recommend the following products and procedures:

Once the tile is mounted on the wall and before grouting, the tile surface must be clean and free of dirt and dust. Use the **FILA MP90 - Natural Look Penetrating Sealer** (Available in our Price List) which is a solvent based sealer. Apply an even coat of FILAMP90 with a paintbrush or lambswool applicator pad. Wait 24 Hours to allow the product to cure. Apply grout with a sponge evenly distributing grout over joints. Do not use a grout float.

Once the grouting is completed and allowed to dry, the surface of the tiles must be cleaned using **FILA CLEANER - Neutral Cleaner** (Available in our Price List) observing the following guidelines: Dilute to 1:30. Clean the surface with a cloth and scrubbing brush. Remove any residue and rinse thoroughly.

After the thorough cleaning of the surface and grout residue, the tile will need to be resealed using the **FILA MP90 - Natural Look Penetrating Sealer** (Available in our Price List) observing the following guidelines: Apply an even coat of FILAMP90 with a paintbrush or lambswool applicator pad. Wipe off product excess after 15 minutes, making sure to rub the product and help its complete penetration into the material. Wait 24 Hours to allow the product to cure.

NOTE: Future Sealing of the product should be done if you see any discoloration/ darkening in the body of the tile. This will

vary by end usage, care and maintenance products and tools used.

If you use any other sealer, please check with the manufacturer for the proper instructions and products to use for sealing crackled glaze ceramic tile.

MAINTENANCE

Clean the tiles regularly with a nonabrasive/ non-acidic, mild and PH neutral cleaner.

We recommend **FILA CLEANER - Neutral Cleaner** (Available in our Price List) for all cleaning purposes of our tile. Sealer: Reapply to grout joints and crackle glazes periodically as needed. When water no longer beads on the surface of the joints, resealing is required.

GLAZED PORCELAIN TILES

Install with any high-quality adhesive recommended for porcelain tiles. This must also be suitable for the environment they will have to withstand. Fitting with traditional mortars does not ensure good adhesion.

For Mud Installations, all setting materials and installation methods should be performed using the prevailing guidelines set by the TCNA (Tile Council of North America) Handbook and the ANSI (American National Standards Institute) Specifications.

GROUT

For Porcelain tiles, we recommend using a minimum of 5/64-inch (0.08" or 2mm) spacers for a perfect alignment of the tiles. It will also be necessary to make small adjustments by hand to compensate for the natural dimensional variations of the tiles. The joints should be filled in with appropriate materials according

to the specifications given by the joint filling material manufacturer. We do not recommend the installation of porcelain tiles without joints.

METHOD

Follow the appropriate standard porcelain tile installation procedures provided by the TCNA (Tile Council of North America) Handbook and the ANSI (American National Standards Institute) specifications.

MAINTENANCE

Clean the tile regularly with a non-abrasive/ non-acidic, mild and PH neutral cleaner.

We recommend **FILA CLEANER - Neutral Cleaner** (Available in our Price List) for all cleaning purposes of our tile.

Use products which are suitable to eliminate the remains of mortar, cement, etc. Never use an acidic cleaning agent on newly installed flooring because the acid reacts with the unset cement and can damage the seals, or insoluble compounds can be deposited on the surface of the paving.

Do not use metal scrapers or abrasive pads.

Daily cleaning, after use, will be made particularly easy as it only requires clean water and a very well-wrung cloth. In areas where the tile could be especially messy (kitchens), a detergent with bleach or ammonia can be added to water, although in this case we always recommend giving a final rinse with clear water. Do not use waxes, oils or similar products. In some cases, we can find ourselves in the situation of having to clean very dry and specific stains, which cannot be removed with a damp cloth, but that will disappear if we apply concentrated bleach (the one for floors, not the one used for clothes) and leave it to dry. For especially resistant stains

it may be necessary to repeat the process.

For floor surfaces; water, grease, oil, etc. create slippery conditions. Floor applications with exposure to these conditions require extra caution in product selection and maintenance.

PLEASE NOTE

Due to the nature of our tiles, a certain amount of variation in color, shading, surface and texture are to be expected.

Use of the tile constitutes acceptance. We assume no responsibility for installation.

The installation information provided is to be used as a guideline only and should be discussed with a professional and accredited tile installer.



CONTACT US

Corporate Headquarters South East Distribution Center

9450 N.W.12th St.
Miami, FL. 33172
Office: 305-513-4633
Fax: 305-513-4634
customerservice@adexusa.com

West Coast Distribution Center

1745 N. St. Thomas Cir.
Orange, CA 92865
Office: 714-773-0197
Fax: 714-773-9352
customerservicewest@adexusa.com

North East Distribution Center

1000 Wall St. W.
Lyndhurst, NJ. 07071
Office: 305-513-4633
Fax: 305-513-4634
customerservicene@adexusa.com