SpecCeramics Spec N Time

WHITE, GRAY & BLACK

AMPLIFY	AMPLIFY	AMPLIFY	AMPLIFY	AMPLIFY	AMPLIFY
B669.0047.096 White	B669.0044.095 Branco Brilho	B669.0048.001 Arid White	B635.0129.001 Rise White	B669.0049.001 Reef White	B635.0128.001 Dune White
AMPLIFY	EMOTIVE	FLUENT	RHYME	AMPLIFY	NY2LA
B635.0124.096 Wind White	EMV0S & EMV0G True White	FLT10 & FLT10G White*	28503 Ivory Staccato	B645.0559.0951 White Diamond	NY210 Malibu White
					16 16 16 16 16 1
CDE BLACK-WHITE AEK7KB60 & AEK7KB65	TIDES 28110	FLUENT FLT30G	EMOTIVE EMV1S & EMV1G	CDE VANITY AEK7VA15 & AEK7VA10	CDE VANITY AEK8A00
Ultrawhite*	Sea Salt	Grey Glossy	Astonished White*	Bianco Statuario*	Bianco Luce
	Do				
TIME 2.0	PRECIOUS	SOHO	SOHO	SOHO	SONGBIRD
T21 Snow	35001 Calacatta*	CANA400001760 Canvas White*	CANA400002420 Vintage Grey	CANA400002430 Gallery Grey	SBD10 Whistling White
and the same					
AINSLEE PARK	TEMPO TMP10 & TMP10P	BLUERUN	2CM SPAN SPN01U	CANAL STREET CST10	STORIED
AIN10 & AIN1W Calacatta Gold	Cotton White*	BLR10 & BLR10U Antique White	Snow	Levee White	STE10G Cotton White Glossy
		Hil Buch			
CELLAR	HIGH RIDGE	ENCHANT	ALUSTRA	EAST VILLAGE	CDE LIMESTONE
34310	HRG10	ENC10 & ENC1P	ALU20 & ALU20P	EVG10	AEK8LS10 & AEGWLS
Bleach	Stardust White	Honesty	Imperial Gold Calacatta	Avenue A Gray	Clay
TIME 2.0	ALUSTRA	CDE VANITY	RHYME	SERENDIPITY	PASSENGER
T22 White	ALU10 & ALU10P Majestic White Lasa	AEKXVA37 Onice Royal	28513 Silver Melody	SDP10 Fortune White	PSG10 & PSG10U Wander White
			w.		
LOCAL	AURA	TIME 2.0	CONTINENT	TIDES	GRAVITATE
LCL10	AUR10	T26	29914	28115	GVT10
Bistro	Canvas White	Silver	Delta Haze	Marine Fog	White
NV2LA	2CM MINERAL	EMOTIVE	CEOUENCE	AINCLES DADY	CEDENIDIDITA
NY2LA NY230	2CM MINERAL MIN10U	EMOTIVE EMV3S & EMV3G	SEQUENCE 34915	AINSLEE PARK AIN40 & AIN4W	SERENDIPITY SDP30
Riverside Steel	Alabaster	Coy Grey*	Current	Breccia Mist	Infinite Cool Gray

SpecCeramics Spec N Time

WHITE, GRAY & BLACK CONT.

					A THE STATE OF THE SECOND SECO
EAST VILLAGE	SONGBIRD	SEQUENCE	LOST RIVER	MEMORABLE	BAKERSFIELD
EVG20	SBD20	34901	LRV20	B631.0024.001K	89214
E. Houston Warm Gray	Quill Grey	Breeze	Rush	White*	Pumice
6 9 9 1 18					
The April 18			The same of the sa		
AURA AUR20	TUSCAN VILLA TUV30	CANAL STREET CST20	ENCHANT ENC30 & ENC3P	GRAVITATE GVT30	WESTMONT
Light Gray	Florence Silver	Café Light Gray	Beauty	Gray	89103 Quarry
			* 377 3 50		
CDE LITHOS	CDE CEMENT PROJECT	PASSENGER	MAGNOLIA	CANAL STREET	CDE GRUNGE
Stone	AEK8CP60 & AEK7CP20	PSG40 & PSG40U	28315	CST30	AEKXGR10
(see page 140 for info)	Color20	Leisure Gray	Ash	French Gray	Musk
AURA AUR30	AVENTIS AT3	BLUERUN BLR30 & BLR30U	CDE CEMENT PROJECT	TIME 2.0	HIGH RIDGE HRG30
Ash Warm Gray	Titanium	Atlas Gray	AEK8CP70 & AEK7CP30 Color30	T27 Grey	Rockwall Gray
-			The state of the state of the		1
EXCURSION	CDE GRUNGE	STORIED	CDE LIMESTONE	ТЕМРО	CDE PIETRA D'ISEO
EXN20	AEKXGR20	STE40G	AEK8LS20 & AEGWLS21	TMP30 & TMP30P	AEKXOD40
Denali	Storm	Natural Grey Glossy	Oyster	Ash Cool Gray*	Ceppo
		700 NA 100			
2CM MINERAL MIN30U	2CM SPAN SPN13U	NATURA 28013	NY2LA NY260	LOCAL LCL40	CELLAR 34316
Feldspar	Silver	Nantucket Gray	Gramercy Gray	Market	Char
			TO SERVICE MANAGEMENT		
DIVINITY	EMOTIVE	ALUSTRA	TIME 2.0	DIVINITY	LOST RIVER
DIV30 Mist	EMV6S & EMV6G Gratitude Dark Gray*	ALU40 & ALU40P	T29 Black	DIV40 Dusk	LRV30 Adrift
IVIISt	Gratitude Dark Gray	Sovereign Gray	DIACK	Dusk	Admit
AVENTIC	AVENITIE	CANAL CEDES	TEMPO	FACTIVILLAGE	LOCT DIVER
AVENTIS AT2	AVENTIS AT1	CANAL STREET CST50	TEMPO TMP40 & TMP40P	EAST VILLAGE EVG40	LOST RIVER LRV40
Velvet	Ask	Black Bayou	Dark Gray	Stuyvesant Charcoal	Torrent
					A SAME TO SAME TO SAME
NATURA	BLUERUN	AVENTIS	SERENDIPITY	NY2LA	TIME 2.0
28017 Cape Cod Charcoal	BLR40 & BLR40U Fossil Black	AT0 Eclipse	SDP40 Fate Warm Gray	NY240 Chelsea Black	T28 Carbon
cape coa Charcoai	ו אום ווככט ו	LCIIPSC	race vvaiiii Gray	CHEISEA DIACK	1

SpecCeramics

WHITE, GRAY & BLACK CONT.



Carbon (see page 140 for info)



ALU50 & ALU50P Regal Black



SDP70 Destiny Black



Antracita Charcoal



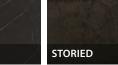
AEKXVA31 Pietra Grey



HRG50 Nightfall Black



Black



STE90G Black Cardamom Glossy



EMV10S & EMV10G Bravado Black*



FLT40 & FLT40G Black*



AEK7KB70 & AEK7KB75

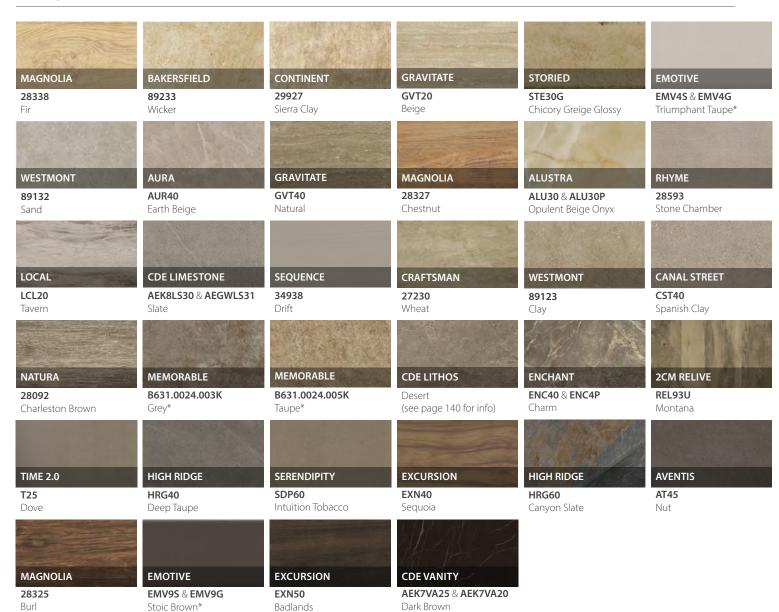
SpecCeramics

BEIGE, BROWN & TAUPE





BEIGE, BROWN & TAUPE CONT.



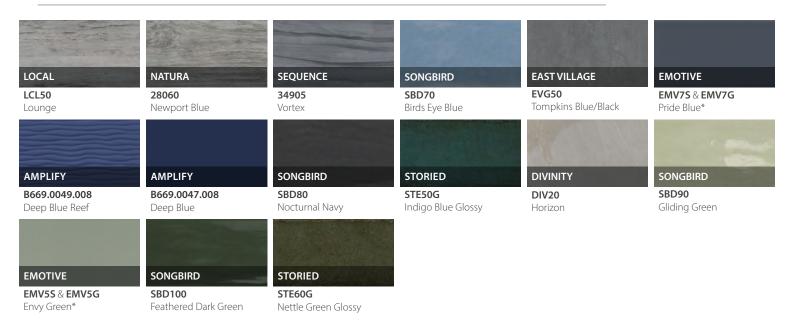
SpecCeramics Spec N Time

YELLOW, OCHRE, RED & PINK



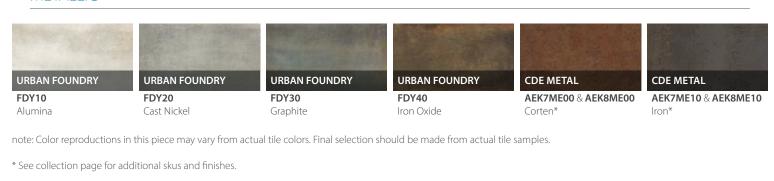
SpecCeramics
Spec N Time

BLUE & GREEN

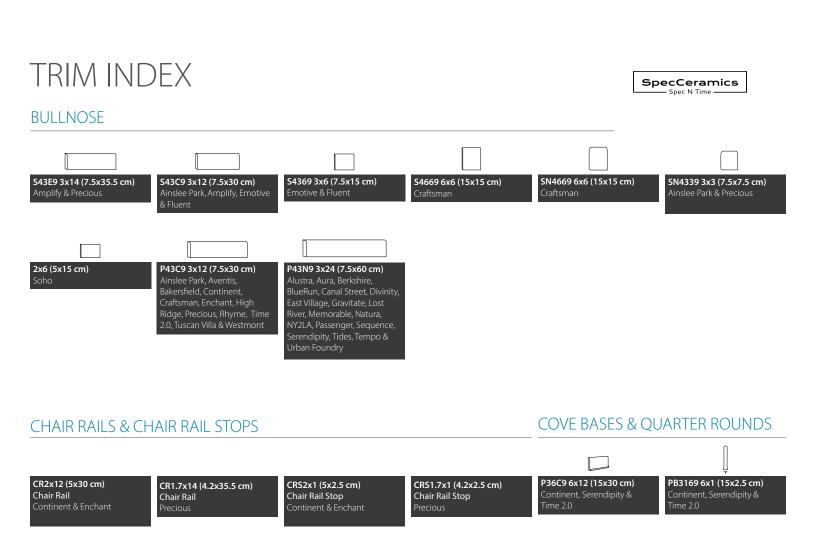




METALLIC



CDE = Cotto d'Este



PRODUCT INDEX

PORC 16	ELAIN / CERAN	11.0			Variation	Strength (lbf. avg.)	Hardness (mohs)	Absorption	Microban®	Tile	Base	Mosaic	Bullnose
16		/IIC											
	Ainslee Park		IW+	g¹	V2	≥ 450	7 mohs	≤ 0.5%					
20	Alustra		IW+/ID	cb	V3	≥ 450	7 mohs	≤ 0.5%					
24	Amplify			С	V1	≥ 150	N/A	13 - 18%					
26	Aura		IW+	g	V3	≥ 475	7 mohs	≤ 0.5%					
30	Aventis		IW+	cb	V2	≥ 410	7 mohs	≤ 0.5%					
34	Bakersfield		IW+	g	V2	≥ 350	7 mohs	≤ 0.5%					
36	Berkshire		IW / IW+	cb	V2	≥ 474	7 mohs	≤ 0.5%					
38	BlueRun		IW+	cb	V3	≥ 450	7 mohs	≤ 0.5%					
42	Canal Street		IW+	cb	V3	≥ 450	7 mohs	≤ 0.5%					
46	Cellar		IW+	cb	V4	≥ 460	7 mohs	≤ 0.5%					
50	Continent		IW+	g	V2	≥ 365	7 mohs	≤ 0.5%					
52	Craftsman		IW/IW+	g	V2	≥ 375	7 mohs	≤ 0.5%					
54	Divinity		IW+	cb	V3	≥ 456	7 mohs	≤ 0.5%					
58	East Village		IW / IW+	cb	V2	≥ 410	7 mohs	≤ 0.5%					
62	Emotive			С	V2	≥ 150	5 mohs	≤ 10%					
66	Enchant		IW+/ID	g	V3	≥ 396¹	7 mohs ¹	≤ 0.5%					
70	Excursion		IW+	g	V2	≥ 450	7 mohs	≤ 0.5%					
72	Fluent			С	V1	≥ 150	5 mohs	14.8-17.1%					
76	Gravitate		IW+	g	V3	≥ 450	7 mohs	≤ 0.5%					
80	High Ridge		IW+	g	V3	≥ 450	7 mohs	≤ 0.5%					
84	Local		IW+	g	V3	≥ 474	7 mohs	≤ 0.5%					
86	Lost River		IW+	cb	V2	≥ 500	7 mohs	≤ 0.5%					
88	Magnolia		IW	cb	V2	≥ 420	7 mohs	≤ 0.5%					
90	Memorable		IW+	ug	V4	≥ 428	7 mohs	≤ 0.5%					
94	Natura		IW	cb	V2	≥ 493	7 mohs	≤ 0.5%					
96	NY2LA		IW+	cb	V2	≥ 450	7 mohs	≤ 0.5%					
100	Passenger		IW+	cb	V3	≥ 450	7 mohs	≤ 0.5%					
104	Precious		IW+	g¹	V2	≥ 440	7 mohs	≤ 0.5%					
108	Rhyme		IW+	cb	V1	≥ 465	7 mohs	≤ 0.5%					
112	Sequence		IW+	cb	V2	≥ 490	7 mohs	≤ 0.5%					
116	Serendipity		IW+	cb	V2	≥ 450	7 mohs	≤ 0.5%					
120	Soho		IW+/ID	C ¹	V1	≥ 230¹	5 mohs ¹	≤ 10%					
124	Songbird			С	V3	≥ 125	5 mohs	≥ 10%					

PRODUCT INDEX

Page	Collection Name	Made in USA	ANSI® A326.3	Body Type	Recycled Content	Shade Variation	Break Strength (lbf. avg.)	Surface Hardness (mohs)	Water Absorption	Microban®	Rectified Tile	Cove Base	Mosaic	Bullnose
POR	CELAIN / CERA	MIC COI	NT.											
128	Storied			С		V3	≥ 150	5 mohs	10% - 14%					
132	Tempo		IW+/ID	g¹		V2	≥ 475	7 mohs	≤ 0.5%					
136	Tides		IW/IW+	g		V2	≥ 510	7 mohs	≤ 0.5%					
138	Time 2.0		IW/ID	tb		V1	≥ 510	7 mohs	≤ 0.5%					
140	Tuscan Villa		IW / IW+	g		V3	≥ 253¹	7 mohs	≤ 0.5%					
142	Urban Foundry		IW / IW+	cb		V3	≥ 400	7 mohs	≤ 0.5%					
144	Westmont		IW+	g		V2	≥ 260	7 mohs	≤ 0.5%					
2CM	PORCELAIN PA	VERS												
148	BlueRun		EW	cb		V3	≥ 2800	7 mohs	≤ 0.5%					
150	High Ridge		EW	cb		V3	≥ 2800	7 mohs	≤ 0.5%					
152	Mineral		EW	cb		V2 / V3	≥ 2800	7 mohs	≤ 0.5%					
154	NY2LA		EW	cb		V2	≥ 2800	7 mohs	≤ 0.5%					
156	Passenger		EW	cb		V3	≥ 2800	7 mohs	≤ 0.5%					
158	Relive		EW	cb		V3	≥ 2800	7 mohs	≤ 0.5%					
160	Span		EW	cb		V2	≥ 2800	7 mohs	≤ 0.5%					
Pietra	aArt													
162	Bliss			mix ³		V1								
164	Ledgerstone			n										
166	Pebbles			n										
Cotto	o d'Este													
170	Black-White ¹					V1	≥ 175	7 mohs	≤ 0.5%	2				
172	Cement Project ¹					V2	≥ 175	7 mohs	≤ 0.5%	2				
174	Grunge ¹					V2	≥ 175	7 mohs	≤ 0.5%	2				
176	Limestone ¹					V2	≥ 1200	7 mohs	≤ 0.5%	2				
178	Lithos ¹					V2	≥ 1200	7 mohs	≤ 0.5%	2				
180	Metal ¹					V2 / V3	≥ 175	7 mohs	≤ 0.5%	2				
182	Pietra D'iseo¹					V2	≥ 175	7 mohs	≤ 0.5%	2				
184	Vanity ¹					V2	≥ 175	7 mohs	≤ 0.5%	2				
186	Wonderwall ¹					V1	≥ 175	7 mohs	≤ 0.5%					

 $cb = color \ body \ tb = through \ body \ g = glazed \ ug = unglazed$ note: Results shown may not apply to all formats, colors, or finishes.

c = ceramic n = natural

¹ Check product page for more information.

² Contains Protect with Microban[®].

³ Contains glass & natural stone.

ID = Interior, Dry IW = Interior, Wet IW+ = Interior, Wet Plus EW = Exterior, Wet O/G = Oils/Greases

FORMAT INDEX

						pioz												puou			Poly	Hex								
Page	Collection Name	2.5 × 10	3×6	3 x 12	3.75 x 12	4 x 9 Trapezoid	4 x 16	6 x 12	6 x 24	8 x 8	8 x 24	8 x 36	8 x 48	12×12	12×24	14×27	14 x 39	18x31 Diamond	19.5 x 39	12.1 x 24.4	21.5 x 29.5 Poly	22.5 x 22.5 Hex	24×24	24 x 36	24×48	36 x 36	39 x 39	39×118	48 x 48	48 x 102
ARTI:	STIC																			,				•						
186	Wonderwall CDE ¹																													
CERA	AMIC WALL TILE																													
62	Emotive																													
72	Fluent																													
124	Songbird ¹																													
128	Storied																													
CON	CRETE																													
30	Aventis																													
42	Canal Street																													
172	Cement Project CDE																													
174	Grunge CDE																													
96	NY2LA																													
154	NY2LA 2CM																													
138	Time 2.0																													
FABR	IIC																													
108	Rhyme																													
MARI	BLE																													
16	Ainslee Park																													
20	Alustra																													
34	Bakersfield																													
52	Craftsman																													
66	Enchant																													
104	Precious ¹																													L
184	Vanity CDE																													
META	AL .		,											,	,						,	,								
180	Metal CDE																													
142	Urban Foundry																													
PLAS	TER																													
58	East Village ¹																													
SLAT	E																													
26	Aura																													
50	Continent																													
80	High Ridge																													
150	High Ridge 2CM																													

¹ See collection page for additional formats

² Special order only

FORMAT INDEX

																		-												
Page	Collection Name	2.5 x 10	3 x 6	3 x 12	3.75 x 12	4 x 9 Trapezoid	4 x 16	6 x 12	6 x 24	8 x 8	8 x 24	8 x 36	8 x 48	12×12	12×24	14×27	14 x 39	18x31 Diamond	19.5 x 39	21.1 x 24.4	21.5 x 29.5 Poly	22.5 x 22.5 Hex	24 x 24	24 x 36	24×48	36 x 36	39 x 39	39×118	48 x 48	48×102
SOLII	D																													
24	Amplify ¹																													
170	Black-White CDE																													
116	Serendipity																													
120	Soho¹																													
STON	IE																													
38	BlueRun																													
148	BlueRun 2CM																													
54	Divinity																													
176	Limestone CDE																													
178	Lithos CDE ²																													
86	Lost River																													
90	Memorable ¹																													
152	Mineral 2CM																													
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156	Passenger 2CM																													
182	Pietra D'iseo CDE																													
112	Sequence																													
160	Span 2CM																													
132	Tempo ¹																													
144	Westmont																													
TRAV	ERTINE																													
76	Gravitate																													
136	Tides																													
140	Tuscan Villa																													
WOC	D																													
36	Berkshire																													
46	Cellar																													
70	Excursion																													
84	Local																													
88	Magnolia																													
94	Natura																													
158	Relive 2CM																												,]	

2CM = 2CM Porcelain Pavers

CDE = Cotto d'Este

PA = PietraArt

¹ See collection page for additional formats ² Special order only

ICON & REFERENCE GUIDE



Made in USA

This logo indicates that the product line is manufactured in the United States, with the exception of select trim, decorative, and ceramic pieces. The source of origin of each of our products is indicated on the labels and/or packaging. For information about the origin of specific products or product lines, please refer to the label and/or packaging, or see your authorized Florida Tile retailer.



HDP - HIGH DEFINITION PORCELAIN

This is an exclusive trademarked process by Florida Tile that utilizes the most technological advanced glazing system in the industry today, digital printing. Continuing to be an innovator in the industry, Florida Tile was the first manufacturer to use this technology in the United States.



Green Squared®

The logo for Green Squared® involves one industry, one standard, and one mark and covers the gamut of products used in a tile installation. It was the first multi-attribute sustainability standard developed for tiles and tile installation materials. Green Squared® uses the transparency and consensus of the ANSI® process combined with third party certification to evaluate, validate, and communicate products which have a positive impact on the environment and society. Green Squared® covers product characteristics, manufacturing, end of product life management, progressive corporate governance, and innovation in an effort to establish sustainability criteria for products throughout their full life cycle.



Porcelain Tile

This logo indicates that the product line has been tested and certified by the Porcelain Tile Certification Agency (PTCA) to meet the ANSI® A137.1 standard for a true porcelain tile. This means that the product line has a water absorption rate of 0.5% or less.



GREENGUARD®

This logo indicates that this product has been tested and received GREENGUARD® Gold Certification (formerly known as GREENGUARD® Children & Schools Certification). GREENGUARD® offers strict certification criteria, considers safety factors to account for sensitive individuals (such as children and the elderly), and ensures that a product is acceptable for use in environments such as schools and healthcare facilities. It is referenced by both The Collaborative for High Performance Schools (CHPS) and the Leadership in Energy and Environmental Design (LEED®) Building Rating System.



Recycled Content

This logo indicates that the product line contains some quantity of recycled content. In most cases, the percentage of recycled content is pre-consumer material. If the recycled logo is accompanied by a number inside the box, then it has been tested and determined that the product contains at least that percentage of recycled material.



Rectified Tile

This logo indicates that some sizes in this collection are rectified. Rectified tiles have been mechanically cut to achieve edges that are more uniform, with less variation in size from tile to tile. One benefit of this process is allowing for more narrow grout joints.

MICROBAN®

Microban® and Florida Tile have teamed up to provide antimicrobial protection for ceramic tiles. Florida Tile products are well known for their beauty, durability, and performance. The addition of Microban® built-in technology featuring silver provides a continuous level of protection from the growth of common microbes.



ABOUT MICROBAN®

Microban® International, Ltd. is a global technology company dedicated to enhancing high quality consumer, industrial, and medical products with branded built-in protection from microbial growth. Microban® is a registered trademark of Microban® Products Company.

The Microban® brand offers continuous and durable antimicrobial product protection, built-in during manufacturing to last for the useful life of the product. Microban® International is headquartered in North Carolina with operations in North America, South America, Europe, and Asia.

WHY MICROBAN® PROTECTION?

Microbes on floors can be a source of crosscontamination where microbes can transfer from one surface to another and from one area to another. This transfer can take place by human contact with the contaminated surface (for example touching with hands or shoes). Dirt and microbes are continually being brought into the home through foot traffic from people and also pets!

The goal of antimicrobial protection is to minimize the number of microbes which colonize a surface and therefore reduce the possibility of the microbes transferring to other surfaces where they may cause potential issues. Looking at hotspots within the home, the kitchen and bathroom have the potential for the highest number of microbes which can rapidly spread from one surface to another.

HOW CLEAN ARE YOUR TILES?

Micro-organisms are a fact of life. They are everywhere, all around us, all the time. However hard we try, there's no getting away from them. Some are good for us, others are neutral, but a few are damaging. So it makes sense to do what we can to prevent their potentially harmful and undesirable effects. Under right conditions of warmth, a food source, time, and a little humidity, microbes can grow and divide extremely rapidly and bacterial populations can double as quickly as every 20 minutes. In addition, microbes can persist on inert surfaces for a long time. On average, there may be more microbes on your hand than people on Earth.

ANTIMICROBIAL PROPERTIES OF MICROBAN ON PORCELAIN TILE:

- Active day and night, 24/7
- Active both in light and dark conditions, with no need to use UV lamps
- · Active on the surface of the material
- Permanently integrated into the surface during industrial firing at a temperature of 1200°C (it is not a surface treatment applied after firing)
- Active over time, resistant to wear, lasting for the lifetime of the tiles, it is permanent and does not need to be re-treated over the lifecycle of the product

Antimicrobial porcelain tiles are ideal for any environment, especially those that call for a high standard of cleanliness, such as:

- Hotels, restaurants, cafeterias
- Hospitals, operating rooms
- Wellness centers, spas, swimming pools, gyms
- Retirement homes, schools, nursery schools
- · Agricultural and food industries
- Public areas, businesses, offices
- Residential kitchens and bathrooms

LEED® BUILDINGS

Microban® tiles manufactured by Florida Tile allow you to be awarded 1 point for the ID 1 Innovation in Design Credit. (ref. NC, CI, CS and SCHOOLS LEED® Rating Systems)

PR()TECT

Is the exclusive antibacterial technology by Panariagroup, result of a partnership with Microban®, world leader in the sector. This is an effective antibacterial shield incorporated in the ceramic product and eliminates up to 99.9% of bacteria from the surface.

CORPORATE SUSTAINABILITY

PANARIAgroup®

PANARIAgroup's mission statement is about growing and creating well-being in harmony with the people and the environment, with openness, passion, and love for our work. In order to achieve such targets, the Group aims to generate sustainable value for its employees and business partners while respecting society and the environment. The Group has a strong focus on research and innovation, and is resolute to satisfy the highest expectations in the fields of general well-being and of aesthetics, both for professional and private customers, in architecture and the construction industry.



Green Squared Certified®

Florida Tile was among the first to earn TCNA - Green Squared® certification. This multi-attribute sustainability standard is for tiles and tile installation materials. It uses the transparency and consensus of the ANSI® process combined with third party certification to evaluate, validate, and communicate products that have a positive impact on the environment and society.

Covered by the standard are environmental product characteristics, environmental product manufacturing, raw material extraction, end of product life management, progressive corporate governance, and innovation. All Florida Tile products manufactured in our Lawrenceburg, KY facility are Green Squared Certified®.



BUREAU VERITAS

Since its foundation in 1828, the Bureau Veritas Group has consistently built recognized expertise, helping clients comply with standards and regulations relating to quality, health & safety, the environment and social responsibility.

The group's network of regional and local offices manages client relationships and delivers a comprehensive range of services including inspection, testing, auditing, certification, ship classification and related technical assistance, training, and outsourcing. When appropriate, Bureau Veritas also provides advisory services.

Large and small organizations, whether private or public, can rely on Bureau Veritas to support them in protecting their respective brands, assets, and business. They play a key role in both risk management and performance improvement.

Bureau Veritas deploys multidisciplinary skills from over 61,000 employees in over 1,300 offices and laboratories worldwide.



mindful MATERIALS (mM)

Reinforcing our commitment to transparency and sustainability, Florida Tile, Inc. is a proud participant in the mindful MATERIALS Library. mindful MATERIALS (mM) is a powerful building product database incorporating information on the human health and environmental impacts of products from leading manufacturers. It is vetted by experts and trusted industry-wide as a source for product transparency.

Today's market requires owners, developers, and designers to carefully consider the impacts that product content has on people and the planet throughout the product's life cycle.

For products to be incorporated in this program, manufacturers must provide individual product details as well as certifications and/or attributions. This allows building industry professionals to easily locate relevant transparency and sustainability attributes in categories such as: material ingredients, environmental profile, VOCs, material sourcing, social responsibility, etc.

CONTINUING EDUCATION



CEUs

To better inform and engage with Designers and Specifiers about the benefits of ceramic and porcelain tile, Florida Tile is pleased to provide these Continuing Education Courses:

- Know Your Porcelain
- Outdoor Pavers
- Gauged Porcelain Tiles
- Tile is Green

Florida Tile partners with CEU Events http://www.ceuevents.com/ to provide accredited educational courses. This online collaboration platform allows an easy way to request, schedule, and promote CEU courses. This allows credits to be efficiently claimed online at the completion of the course



CARE & MAINTENANCE



ROUTINE CARE FOR YOUR TILE

Ceramic tile is one of the most durable and maintenance friendly surfaces you can choose for your walls, floors, countertops, etc. With proper care and minimum maintenance, tile will retain its original beauty and luster for many years. Generally, all that is necessary to keep your tile looking as good as new is a quick wipe with a clean damp cloth or mop. Prompt cleanup of spills and regular cleaning will keep your ceramic tile surfaces looking their best.

If a cleaner is necessary, Florida Tile recommends the use of low VOC (volatile organic compound), neutral pH, non-hazardous, and non-polluting products.

Glazed tile walls in your home will easily keep their lovely look with simple routine care-just wipe regularly with a clean damp cloth or sponge. A non-abrasive, neutral cleaner can be used (abrasive cleansers will cause scratching to shiny tile and polished marble surfaces). Highly polished tile and stone surfaces should be polished dry with a soft absorbent cloth after cleaning to eliminate the buildup of hard water residue and to maintain the high-polished finish.

For **glazed tile floors**, sweep or vacuum regularly to remove dirt and gritty particles. Follow with a mop or sponge dampened with a neutral pH cleaner. If a cleaner is used, be sure the surface is rinsed thoroughly with clean water and dried. For **textured or uneven tile or stone surfaces**, substituting a soft scrub brush or white nylon scrub pad for the mop or sponge will quicken the cleaning process. **Unglazed tile floors** and **porcelain tile floors** can also be maintained in this same manner.

Tiled surfaces in your bathroom may require a more thorough routine cleaning because of a buildup of soap scum, body oils, or hard-water stains. Use a clean, damp cloth, or sponge with a neutral pH cleaner, allowing it to stand about five minutes before rinsing and drying. Specialty bathroom cleaners may also be used (always test first). Clean shower regularly with the appropriate tile and stone cleaner. Dry with a towel after each use and leave curtain or door open between showers to allow for maximum ventilation and moisture escape.

List of Neutral Cleaners									
Manufacturer	Product								
OMNI®	Concentrated Cleaner, Deep Cleaner								
STONETECH®	Stone & Tile Cleaner Revitalizer								

HEAVY DUTY CLEANING

For <u>high-traffic</u> areas or when tile has been neglected for a long time, heavy-duty cleaning may be required.

Glazed walls and countertops should be cleaned with an alkaline-based cleaner (high pH, non-acidic). Use a white nylon scrub pad, followed by a clean water rinse. Poultice may be used in combination with any appropriate cleaner, if needed, to restore seriously soiled areas. Poultice is a very fine powder that serves as a mild abrasive, yet cannot cause scratching to even the most delicate glazed tile and polished marble surfaces. **Unglazed** tile and natural stone can be treated in the same manner as glazed when heavy-duty cleaning is required. Once the tile or stone has been effectively restored and is dry, it is recommended that the appropriate sealer be applied to protect from staining and ease ongoing maintenance.

To clean <u>badly soiled countertops</u>, an appropriate alkaline cleaner is recommended. Poultice can be lightly sprinkled onto the wet cleaner solution and scrubbed with a white nylon scrub pad or medium nylon scrub brush to facilitate cleaning. Rinse thoroughly. For <u>glazed tile floors</u>, the same products and procedures are recommended.

For **showers, tub surrounds, or other wet areas**, light acidic cleaners are recommended to remove hard water mineral deposits. These acidic cleaners are not recommended on acid-sensitive surfaces such as metallic glazes or marble. For **acid-sensitive surfaces**, a neutral or alkaline cleaner, used in combination with Poultice is recommended. Never use harsh acids such as hydrochloric (muriatic) or hydrofluoric, as these acids, and even the acid fumes, can cause damage to tile, stone, grout, humans and pets! The accepted acids (use sparingly) for homeowners use are mild citric, sulfamic, and phosphoric. Always test first for desired results.

DO'S & DON'TS

- Do regularly apply a water based penetrating sealer on all natural stone products
- Always do a small test with sealers & cleaners to ensure desired results
- Do use a sealer on grout joints; except for 100% solid epoxy grout
- Do use only non-abrasive cleaning compound or formula that is recommended for both glass and tile when cleaning glass tile
- Do see your nearest Florida Tile Dealer or Distributor for advice on special cleaning problems or if you have any questions
- Do read and follow label directions for all cleaners and sealers
- Don't combine ammonia and household bleaches
- Don't use harsh cleaning agents such as steel wool pads or strong acids, which can scratch or damage the surface of your tile
- Don't use a cleaning agent that contains color on unglazed tile, natural stone, or white grout, as these porous surfaces may absorb the color



MURALS, RESINS, GLASS, CAST STONE FIXTURES & METALS

Wipe clean with a damp cloth or sponge using a neutral, non-abrasive cleanser. Be sure any cleaner residue is removed with a clean water rinse. Clean with alkaline tile cleaner or allpurpose cleaner using a soft cloth. Rinse with clean water and dry with a soft towel. Cast Stone Fixtures and Cast Decors are pre-sealed in manufacturing with water based, liquid silicone rubber dispersed sealer. For re-sealing, the sealing product should also be the same type as the previous sealer for best penetration. For more detailed information on glass tile installation and maintenance, visit www. floridatile.com or review the TCNA (Tile Council of North America) Handbook Guidelines.

Type of Contaminate	Type of cleaner	Name of cleaner	Manufacturer					
Coffee out drinks fruit inice	Alkaline-based cleaner	Deep Cleaner, Heavy Duty Cleaner, Elite Cleaner	OMNI®					
Coffee, soft drinks, fruit juice	Alkaline-based cleaner	KlenzAll™	STONETECH®					
Grease, dirt from traffic,	Alkalina basad alaanar	Deep Cleaner, Heavy Duty Cleaner, Elite Cleaner	OMNI®					
deep-cleaning	Alkaline-based cleaner	KlenzAll™	STONETECH®					
Wine	Oxidizing cleaner	Poultice Stain Remover	OMNI®					
	A	Restore™	STONETECH®					
Hard water spots	Acid-based cleaner	Buffered Acid Cleaner, Sulfamic Acid Cleaner	OMNI®					
		Buffered Acid Cleaner, Sulfamic Acid Cleaner	OMNI®					
Rust	Acid-based cleaner	cid-based cleaner Poultice Stain Remover (non-acid)						
		Restore TM	STONETECH®					
Tire, pencil, metal marks	Abrasive paste	Elite Cleaner, Poultice Stain Remover (non-acid)	OMNI®					
		Epoxy Grout Haze Remover & Coating Stripper	STONETECH®					
Ink, marker	Solvent-based cleaner	Sealer Remover, Poultice Stain Remover (non-solvent)	OMNI®					
		DeepKlenz™	STONETECH®					
Dirty grout	Grout cleaner	Back-To-New Grout Cleaner, Deep Cleaner	OMNI®					
		Concentrated Cleaner, Heavy Duty Cleaner	OMNI®					
	Neutral wax-free	Stone & Tile Cleaner	STONETECH®					
Any	cleaner	Concentrate Cleaner, Deep Cleaner	OMNI®					

TECHNICAL DATA



ACID RESISTANCE

ASTM® C-650 is the standard test method for determining resistance of ceramic tile to chemical substances. The glazed surface of Florida Tile products is resistant to virtually all caustic and corrosive liquids. Typical exceptions are fluorides and concentrated hydrochloric acid.

BREAK STRENGTH

ASTM® C-648 describes the standard test method for determining structural strength of ceramic tile. This test provides a means for establishing whether or not ceramic tile meets the strength requirements which may be required for a specific installation procedure, and its ability to withstand load and impact. The ANSI® standard requires an average breaking strength of 125 lbf. for wall tiles and 250 lbf. for floor tiles. Tiles installed on floors with adhesives may require higher breaking strengths.

CALIBERS

Tiles shrink during firing. To accommodate this shrinkage, we measure each tile as it comes down the line and assign it a caliber based on ANSI® requirements for size variation. Tiles with different calibers should be compared prior to installation to make sure they will work well together. A wider grout joint will help accommodate the size difference within and between calibers.

DYNAMIC COEFFICIENT OF FRICTION

Sometimes called kinetic coefficient of friction. This is the ratio of the force necessary to keep a surface already in motion sliding over another surface divided by the weight (or normal force) of the sliding object. *Different contaminants such as dirt, water, soap, oil, or grease can change this value.

FROST RESISTANCE

ASTM® C-1026 describes the standard test method for determining ceramic tile's ability to withstand repeated cycles of freezing and thawing. It determines the ability of tile to resist damage or deterioration when tested in freezing and thawing situations such as those found in central and northern sections of the United States.

INSTALLATION

Florida Tile recommends that all installations of its product comply with applicable parts of ANSI® A-108 series for ceramic tile installation. For any information, including technical questions related to the underlayment, use of setting materials, or other installation related questions, contact the Tile Council of North America. You can reach them at technifo@tile-usa.com or you can view the TCNA Installation Handbook at https://www.tcnatile.com/products-and-services/publications.html

- Use a grout joint that is at minimum 3 times the variation of the tile as per ANSI® A108.02 Section 4.3.8 Grout Joint Size: In the case of Florida Tile, all rectified product shall have, on average, no less than a 1/8 in. grout joint.
- Minimize the variation in the substrate in order to accommodate the above minimal grout joint as per ANSI® A108/A118/A136.1 American National Specifications for the Installation of Ceramic Tile, specifically A108.01 Section 2.6.2.2 and similarly in A108.02 Section 4.1.4.3.1.

GAUGED PORCELAIN TILE PANELS (GPTP)

Also known as large panel porcelain slabs, thin porcelain tile, or large format porcelain slabs, gauged porcelain is known for its beauty, durability, ease of maintenance, and its lack of grout joints. GPT has been defined as tiles that measure 1 x 1 meter (~36 x 36 inches) or smaller, while GPTP are equal to or larger than 1 x 1 meter. Tile Council North America (TCNA) recognizes two classes of gauged tile products are defined — those for wall applications, from 3.5 to 4.9 mm in thickness, and those for floor applications, from 5 to 6.5 mm in thickness.

MOH'S HARDNESS

Scratch resistance of glazes is measured by scratching the glaze with a mineral of known hardness. Hardness of minerals is classified by Moh's Scale, which lists 10 minerals according to their hardness. Each mineral in this scale will scratch those with lower numbers in the scale, but will not scratch minerals with higher numbers. Talc is classified as number one on the Moh's Scales and diamond ten. Resilient flooring materials, such as vinyl and asphalt tile, are relatively soft and can be scratched by talc, number one on the scale. White polished marble can be scratched by calcite, which is number three. Black marble rates a four and can be scratched by fluorite. Most glazes used on ceramic tile fall in the five to six range, which is also slightly harder than most steels. Case-hardened steel, such as what is used in drill bits used for drilling holes in steel, is approximately six and will scratch most glazes. Some glazes used on ceramic tiles designed for floor use cannot be scratched by a case-hardened drill bit. Quartz, number 7 on Moh's Scale, will scratch most glazes and all but the hardest unglazed ceramic tiles. Sand is a common example of natural quartz.

OUTDOOR INSTALLATIONS

Porcelain tile is appropriate for exterior wall (vertical) installations. Horizontal applications require additional considerations such as if the area will be covered or exposed to the elements. Only tile with a Product Use Classification of "Exterior, Wet" should be used in outdoor installations. Any hard surface flooring will be slippery when covered in standing water, ice, grease, or leaves. Regular cleaning, maintenance, and inspection of the surface is critical to a successful outdoor tile installation.



RECTIFIED TILE

Rectification is a process of ceramic tile manufacturing in which all sides of a tile are cut with specialized machines. This creates a ceramic tile with perfectly square edges and reduces size variation between tiles, essentially creating a mono-caliber product. This has a practical application in uniformity and ease of installation, but it also has an aesthetic benefit. By allowing a reduced grout joint (within ANSI® requirements) the installation is better suited to more contemporary tastes, and stays cleaner with less grout.

RUNNING BOND/BRICK JOINT PATTERNS

Grout Joints- For running bond/brick joint patterns utilizing tiles (square or rectangle) with any size greater than 15 in. the grout shall be, on average, a minimum of 1/8 in. wide for rectified tile and, on average, a minimum of 3/16 in. wide for calibrated (non-rectified) tiles.

Offset- For running bond/brick joint patterns utilizing tiles (square or rectangular) where the side being offset is greater than 15 in. (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.

SHADES

Florida Tile assigns all of our tiles a shade based on comparison to a target piece. We also add a 'lot letter' (commonly referred to as the 'dye lot') that differentiates tiles from different runs. Tiles with different shades should be compared prior to installation to make sure they are a good match and should be well mixed during installation.

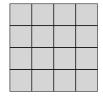
SHADE BLENDING

Designed to simulate a natural surface by using a combination of ceramic/porcelain processes, shade and texture variations are inherent in these nature-inspired products. These types of tiles are packed by shade blends and not specific shades. Products of a common shade blend type may be used together. Specific product lots are identified by the last letter of the shade code.

TECHNICAL SPECIFICATION

Tiles manufactured by Florida Tile, Inc. and marked standard grade meet or exceed the recommended standard specification for ceramic tile, ANSI® A137.1. All products are formulated using high-quality clays specifically designed for density and strength, then pressed, glazed and fired. Note that the data represented in this literature represents typical test results of randomly selected "standard" products.

SHADE VARIATION



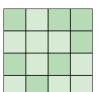
V1 Uniform Appearance

Differences among pieces from the same production run are minimal.



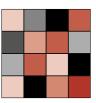
V3 Moderate Variation

While the colors present on a single piece of tile will be indicative of the colors to be expected on the other tiles, the amount of colors on each piece may vary significantly. For example "that little bit of color" on one piece of tile may be the primary color on the next piece.



V2 Slight Variation

Clearly distinguishable differences in texture and/or pattern with similar colors.



V4 Random Variation

Random color differences from tile to tile, so that one tile may have totally different colors from that on other tiles. Thus, the final installation will be unique.

PLEASE NOTE:

- Not all flooring products are suitable for wet areas, specialized applications or commercial use. Please refer to the American National Standard Specifications for Ceramic Tile (ANSI® A137.1) for ceramic, stone, and glass installation for specific usage and installation information.
- · In order to provide as many size formats as possible, some sizes may be originally pressed as larger formats and then professionally cut to size.
- Country of origin and other product features and characteristics are subject to change due to manufacturing efficiencies and other factors. See retailer or product packaging to verify country of origin and other product characteristics.

INTENDED USE



GENERAL USAGE GUIDELINES

The following General Usage Guidelines highlight those floor application types that we generally consider to be appropriate for designated product lines. However, every installation is unique and requires careful consideration of the specific requirements for that particular project. For specific determinations as to the suitability of specific products for your application, please consult an experienced tile installer, design professional, or the TCNA handbook. Ultimately it is the responsibility of the project manager to choose the most appropriate product for each project based on need and traffic. Not all projects are the same.

RESIDENTIAL

Products designated as "Residential" are generally considered appropriate for use in residential (non-commercial) floor areas that are subject to normal foot traffic, including kitchens, bathrooms, living areas, and other residential environments. In heavy-traffic areas, products with GLOSSY/POLISHED/TOUCH finishes are not recommended.

LIGHT COMMERCIAL

Products designated as "Light Commercial" are generally considered appropriate for use in commercial floor areas that are subject to considerable foot traffic greater than residential applications, including offices, waiting rooms, retail shops, public bathrooms, apartment building common areas, restaurant dining rooms, car showrooms, bars, cinemas, medical clinics, hotel guest rooms and bathrooms. In heavy-traffic areas, products with GLOSSY/POLISHED/TOUCH finishes are not recommended.

HEAVY COMMERCIAL

Products designated as "Heavy Commercial" are generally considered appropriate for use in commercial floor areas that are subject to extensive foot traffic, including shopping center common areas, hotel lobbies, fast food restaurants, dance clubs, hospitals, schools, museums, houses of worship, airports, train and bus stations, and other interior applications where heavy traffic is anticipated.

NOTES

- These are general use guidelines only and are no substitute for competent, professional architectural and design input specific to each project. For example, a product classified as Light Commercial might be suitable for use in some areas of a regional airport with moderate foot traffic, while even a Heavy Commercial product may be subject to premature wear and tear if used in a heavy-traffic industrial area where regular cleaning and maintenance are not performed.
- The occasional presence of minor color variation, spots, or other small imperfections is considered a characteristic of the material and of its unique manufacturing process.
- If product is installed in direct contact with external environments, use of protective solutions, a protective mat, or other antiscratch alternatives may be necessary to reduce the formation of scratches.
- Use of low thickness products is not recommended in areas subject to heavy loads.
- GLOSSY/POLISHED/TOUCH finishes are recommended for wall cladding, as well as for flooring in Residential or Light Commercial areas that are not subject to heavy traffic, and where an anti-slip performance (DCOF) is not required.



PRODUCT USE CLASSIFICATIONS



ANSI A326.3

ANSI A326.3 (American National Standard Test Method for Measuring Dynamic Coefficient of Friction of Hard Surface Flooring Materials) features a five-category product use classification system that allows manufacturers to communicate areas for possible use based on the slip resistance characteristics of their products.

The five product use categories are as follows:

Classification	Reference Category	Criteria
Interior, Dry	ID	≥ 0.42 dry DCOF (Per Section 10.1)
Interior, Wet	IW	≥ 0.42 wet DCOF (Per Section 9.1) or Manufacturer-Declared
Interior, Wet Plus	IW+	Manufacturer-Declared Standards > ANSI A326.3 generally accepted minimum conditions
Exterior, Wet	EW	Manufacturer-Declared Standards > ANSI A326.3 generally accepted minimum conditions
Oils/Greases	O/G	Manufacturer-Declared Standards > ANSI A326.3 generally accepted minimum conditions

According to the standard, hard surface flooring products shall be classified into one or more of the categories. Additionally, the standard provides informative notes for each category that state generally accepted minimum conditions.

To review the complete ANSI A326.3 standards and FAQs please visit https://www.floridatile.com/productuseclassifications.

Florida Tile's declared use classifications can be found on the bottom of each collection page in the Technical Specifications section as well as on each collection's Technical Sheet, downloadable from https://www.floridatile.com/downloads/.

WARRANTY



Florida Tile, Inc. ("Florida Tile") makes the following limited warranty with respect to its products:

FLORIDA TILE PRODUCTS

Florida Tile warrants Florida Tile branded tile products and all other products manufactured by Florida Tile ("Florida Tile Products") to meet or exceed the applicable requirements of American National Specifications Institute, Specification ANSI A137.1-2022. Florida Tile further warrants Florida Tile Products to conform to any specific physical properties stated in Florida Tile's then-current product literature, and to be reasonably free from manufacturing defects.

RESIDENTIAL LIFETIME WARRANTY

The warranty set forth above for Florida Tile Products installed in a residence will remain in effect for as long as the original purchaser owns his or her home and is non-transferable.

COMMERCIAL WARRANTY

Florida Tile defines a commercial installation as any structure other than a dwelling occupied by the owner of the tile. The warranty set forth above for Florida Tile Products installed in a commercial installation will extend for a period of 18 months from the date of shipment of the product.

THIRD PARTY PRODUCTS

Any and all products sold by Florida Tile other than Florida Tile Products as defined above ("Third Party Products") shall be sold subject to the manufacturer's express warranties. Florida Tile makes no other warranty with respect to Third Party Products.

WARRANTY LIMITATIONS

The warranty set forth above is Florida Tile's sole and exclusive warranty, and Florida Tile expressly disclaims any and all other warranties, express or implied, including without limitation any warranty of merchantability or fitness for a particular purpose. Florida Tile will provide replacement tile or refund the purchase price at Florida Tile's sole discretion if any Florida Tile Product fails to meet the limited warranty set forth above, which shall be Purchaser's exclusive remedy. Under no circumstances shall Florida Tile be liable for any special, indirect, incidental or consequential damages, including without limitation labor costs for removal of existing product and installation of replacement product. This warranty is void with respect to any Florida Tile Products that are not installed in a workmanlike manner and in accordance with all applicable standards and installation instructions. Purchaser shall be solely responsible for ensuring compatibility of any and all products or materials utilized in connection with the installation of Florida Tile Products. Shade match of the replacement product to that being replaced cannot be guaranteed. No installer, dealer, agent, or employee of Florida Tile has the authority to modify the obligations or limitations of this warranty.

This limited warranty gives specific legal rights. Since some states have laws governing consumer rights and damages, some of the above limitations may not apply to you, and you may have other rights which vary from state to state. Except for these other rights, the remedy provided under these warranties state the limit of Florida Tile's responsibilities.





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