

# **Handpainted Specification Sheet**

Our Handpainted ceramic tile is available on our Original Ceramic Clay Body. The clay body uses recycled content and qualifies for numerous LEED points. All tile is made of raw materials sourced in the USA and handcrafted at our Aromas, CA factory. As with all handmade tile, some degree of variation is expected.

#### **RECOMMENDED APPLICATIONS**

- Floors
- Commercial & residential kitchens
- Wet environments like showers and baths
- · Pools and fountains
- · Walls, counters, vertical and horizontal surfaces
- Outdoor BBQ's, patios, stair risers, and fireplace faces and hearths in non freezing climates.

#### PHYSICAL TESTING PROPERTIES - BODY

- Physical Dimensions Thickness: approx. 5/16"
- Weight: Recycled Tile about 3.7 lbs per foot
- Breaking Strength: 381 lbs
- · Scratch Hardness: 6.0 mohs

### PHYSICAL TESTING PROPERTIES - GLAZE

• Dynamic Coefficient of Friction (DCOF), Abrasion, and Stain Resistance will depend on the pattern and its glazes.

#### **COLOR INFORMATION**

- All glazes are designed and hand-mixed using all natural, 100% lead-free ingredients.
- Due to the handcrafted nature of our tile, variations in color, texture, crazing, and finish will occur in different degrees depending on the specific glaze. Individual color variation is graded V1 (least) to V4 (most)

# **GROUT CONSIDERATIONS**

Dark grout or grout that contains manganese has the potential to stain lighter color glazes and is not recommended. Be sure to educate your client on this potential staining with dark, heavily pigmented grouts and encourage them to test in a small area before installing.

### **LEAD TIMES**

- · Lead times vary based on product and quantity. Please contact us or check our website for current lead times.
- · Rush orders are available. An additional fee may apply.

# **INSTALLATION**

- Please refer to our Tile Installation Guide. For homeowners, we recommend hiring an experienced professional for best results.
- Use a natural color sanded grout and avoid contrasting grouts. Using contrasting grout may cause staining. Use a complementary grout color and test in a small area. For grout joints on rectified tile, we recommend no smaller than 1/8" (1/4" for 12" modules). Note: If deviating from the recommended grout joint size, please have a suitable mock up made that will mimic conditions on the job site.
- Grout release and pre-sealing can help reduce the tile crazing from grout staining. Test grout before grouting.

# MANUFACTURING INFORMATION

All of our tile is 100% manufactured by our team of experienced ceramicists in Aromas, CA. We repurpose old discarded tile, recycled wastewater, and glaze materials, and manufacture in our daylit, open-air factory. All material is sourced in the USA.

#### **ENVIRONMENTAL**

#### **LEED Qualifications**

The clay body may qualify for:

- MR 4.1/4.2: Recycled Content (1-2 points)
- MR 5.1/5.2: Regional Materials (2 points)
- EQ 4.2: Low-Emitting Materials (1 point)
- Our Original Ceramic Clay Body is made from recycled products including pre-consumer recycled granite dust. In addition, we recycle our own tile and glaze waste and re-incorporate it into the recycled body.
- All of our glazes are 100% lead-free.
- Tile orders are packaged in recycled cardboard boxes and on recycled pallets or crates. We use recycled biodegradable peanuts, and/or other sustainable materials for protection.

#### **HPD Qualifying**

Our most up-to-date **HPD** documentation.

Fireclay is honored to be the first tile company to achieve B Corporation Certification, committing to empowering ourselves and other businesses to be forces of good in the community. See our scorecard.



# / WARNING

This product can expose you to chemicals, including Silica, which is known to the State of California to cause cancer. For more information, go to www.p65Warnings.ca.gov

To reduce exposure to silica dust, only use a wet saw when cutting

# **CONSIDERATIONS**

- Our ceramic tile is frost-resistant but not frost proof. Please contact us if you'd like to discuss a specific application.
- · Our ceramic tile has a Class A fire rating.

# WARRANTY

If maintained properly, our tile can be enjoyed for a lifetime. However, we do not offer a warranty on our products. Follow installation directions and instructions closely to maintain the quality and longevity of your tile. We will help you every step along the way to ensure the end result is a beautiful installation that can be enjoyed for years.



# **Handpainted Specification Sheet**

#### **CUSTOMIZATION**

Custom design options are available. Color, size, and pattern can all be modified depending on the project. For more information, contact us with your specific project details.

# **COLOR GUIDE**

When customizing a pattern, if passing the DCOF test is a requirement, we suggest keeping your color choices within our Slip-Resistant Matte glaze offering:

COLOR	VARIATION	FINISH	CRACKLE	POOL
Basalt	3	Matte	Low	Yes
Blue Velvet	2	Matte	Low	Yes
Clover	3	Matte	Low	No
Daisy	2	Matte	Low	Yes
Dawn	2	Matte	Low	Yes
Dolomite	2	Matte	Low	Yes
Dusty Blue	2	Matte	Low	Yes
Feldspar	3	Matte	Low	Yes
Gypsum	2	Matte	Low	Yes
Halite	2	Matte	Low	Yes
Hunter Green	2	Matte	Low	Yes
Iron Ore	2	Matte	Low	Yes
lvory	2	Matte	Low	Yes
Magnetite	2	Matte	Low	Yes
Morning Thaw	2	Matte	Low	Yes
Mustard Seed	2	Matte	Low	Yes
Peacock	2	Matte	Low	Yes
Pewter	3	Matte	Low	Yes
Pumice	2	Matte	Low	Yes
Pyrite	2	Matte	Low	Yes
Quartzite	2	Matte	Low	Yes
Red Rock	2	Matte	Low	Yes
Sandstone	3	Matte	Low	Yes
Sea Glass	2	Matte	Low	Yes
Shale	2	Matte	Low	Yes
Sorbet	2	Matte	Low	Yes
Sunflower	2	Matte	Low	Yes
Tidewater	2	Matte	Low	No
Tumbleweed	2	Matte	Low	Yes
Vintage Leather	2	Matte	Low	Yes

#### **PATTERNS**

The Handpainted Collection features a combination of 4 sizes, 20 motifs, and 90+ patterns. Standard offering motif depends on pattern. All patterns may be customized using any non-engobe recycled glazes.

# **COLOR MOTIF KEY**

B, B+W: Black and White | BL: Blue Jasmine | C: Cool | CF: Cafe au Lait CH: Charcoal | CM: Chamomile | CL: Clay | D: Dark | G: Grey GN: Green | GS: Gesso | J: Jade | L: Lapis | N: Neutral | PL: Plein Aire R:Rhubarb | W: Warm | WD: Wood | WH: White | Y: Yellow

4x4 PATTERNS	MOTIFS	
Dot Dash	CH,L,PL	
Roundabout	GS,J,PL	
Signal	CL,GS,WD	
Squiggle	CH,L,PL	
Checkerboard	BL,CF,CM,R	
6x6 PATTERNS	MOTIFS	
Alameda	C,N,W	
Almeria	C,N,W	
Avila	C,N,W	
Barcelona	C,N,W	
Braga	C,N,W	
Cordoba	C,N,W	
Dot Dash	CH,L,PL	
Lugo	C,N,W,B+W	
Madrid	C,N,W	
Moorish Knot	C,N,W	
Morris	C,N,W	
Old California 1-10	C,N,W	
Roundabout	GS,J,PL	
San Sebastian	C,N,W	
Santiago	C,N,W	
Sanxenxo	C,N,W,B+W	
Seville	C,N,W	
Signal	CL,GS,WD	
Spanish Cross	C,N,W	
Squiggle	CH,L,PL	
Vigo	C,N,W	
Vitoria	C,N,W	
6x12 PATTERNS	MOTIFS	
Austin	B,G,Y	
Charleston	B,G,Y	
Chicago	B,G,Y	
Diamond Contour	D,N,WH	
Isosceles	D,N,WH	
Kabuki Sphere	C,D,N	
Marrakech lace	C,N,WH	
Mazagan	C,N,WH	
New York	B,G,Y	
Ripple	C,N,WH	
River Rock	G,N,WH	
Uni Mountain	G,N,WH	
Woven Grass	G,N,WH	
	•	

Aerial         C,W,WH           Arable         C,W,WH           Arlington         B,G,Y           Barella         C,N,W           Brook         GN,N,WH           Cypress         GN,N,WH           Denver         B,G,Y           Diamond Lattice         D,WH           Dolce         C,W,WH           Dragonflies         GN,N,WH           Elephant Star         C,N,W,B+W           Ensenito         C,N,W           Fallow         C,W,WH           Ginkgo         GN,N,WH           Grange         C,W,WH           Grove         C,W,WH           Harvest         C,W,WH           Interlaced Birds         C,N,W           Interlaced Leaves         D,N,WH           Isfahan         C,D,N           Jardin Fretwork         C,N,W           Kasbah Trellis         C,D,N,B+W           Liva C         C,N,W           Los Angeles         B,G,Y           Malta         C,N,W,B+W           Maze         C,W,WH           Murietta         C,N,W,B+W           Old Cairo         C,N,W,B+W           Padma         C,N,W,B+W <t< th=""><th>8x8 PATTERNS</th><th>MOTIFS</th></t<>	8x8 PATTERNS	MOTIFS	
Artington B,G,Y Barella C,N,W Brook GN,N,WH Cypress GN,N,WH Denver B,G,Y Diamond Lattice D,WH Dolce C,W,WH Dragonflies GN,N,WH Elephant Star C,N,W,B+W Ensenito C,N,W Fallow C,W,WH Ginkgo GN,N,WH Grandola C,N,W Grandola C,N,W Grange C,W,WH Interlaced Birds C,N,W Interlaced Leaves D,N,WH Jerez C,N,W Kasbah Trellis C,D,N,B+W Liva C C,N,W Los Angeles B,G,Y Malta C,N,W,B+W Maze C,W,WH Murietta C,N,W,B+W Padma C,N,W,B+W Padma C,N,W,B+W Persian Star C,N,W,B+W Persian Star C,N,W,B+W San Carlos C,N,W Sensu GN,N,WH Stream C,N,WH Tarragona C,N,W Tortoise Shell G,N,WH	Aerial	C,W,WH	
Barella         C,N,W           Brook         GN,N,WH           Cypress         GN,N,WH           Denver         B,G,Y           Diamond Lattice         D,WH           Dolce         C,W,WH           Dragonflies         GN,N,WH           Elephant Star         C,N,W,B+W           Ensenito         C,N,W           Fallow         C,W,WH           Ginkgo         GN,N,WH           Grandola         C,N,W           Grange         C,W,WH           Grove         C,W,WH           Harvest         C,W,WH           Interlaced Birds         C,N,W           Interlaced Leaves         D,N,WH           Isfahan         C,D,N           Jardin Fretwork         C,N,W           Jerez         C,N,W           Kasbah Trellis         C,D,N,B+W           Liva C         C,N,W           Los Angeles         B,G,Y           Malta         C,N,W,B+W           Muze         C,W,WH           Murietta         C,N,W,B+W           Padma         C,N,W,B+W           Padma         C,N,W,B+W           Persian Star         C,N,W,B+W	Arable		
Brook         GN,N,WH           Cypress         GN,N,WH           Denver         B,G,Y           Diamond Lattice         D,WH           Dolce         C,W,WH           Dragonflies         GN,N,WH           Elephant Star         C,N,W           Ensenito         C,N,W           Fallow         C,W,WH           Ginkgo         GN,N,WH           Grandola         C,N,W           Grange         C,W,WH           Grove         C,W,WH           Harvest         C,W,WH           Interlaced Birds         C,N,W           Interlaced Leaves         D,N,WH           Isfahan         C,D,N           Jardin Fretwork         C,N,W           Jerez         C,N,W           C,N,W         C,N,W           Liva C         C,N,W           Los Angeles         B,G,Y           Malta         C,N,W,B+W           Murietta         C,N,W,B+W           Murietta         C,N,W,B+W           Padma         C,N,W,B+W           Palmera         C,N,W,B+W           Persian Star         C,N,W,B+W           Pivot         C,N,W           San Ca	Arlington	B,G,Y	
Cypress         GN,N,WH           Denver         B,G,Y           Diamond Lattice         D,WH           Dolce         C,W,WH           Dragonflies         GN,N,WH           Elephant Star         C,N,W,B+W           Ensenito         C,N,W           Fallow         C,W,WH           Ginkgo         GN,N,WH           Grandola         C,N,W           Grange         C,W,WH           Grove         C,W,WH           Harvest         C,W,WH           Interlaced Birds         C,N,W           Interlaced Leaves         D,N,WH           Jardin Fretwork         C,N,W           Jardin Fretwork         C,N,W           Jardin Fretwork         C,N,W           Liva C         C,N,W           Los Angeles         B,G,Y           Malta         C,N,W,B+W           Maze         C,W,WH           Murietta         C,N,W,B+W           Padma         C,N,W,B+W           Palmera         C,N,W,B+W           Persian Star         C,N,W,B+W           Pivot         C,N,W           San Carlos         C,N,W           Sensu         GN,N,WH <tr< td=""><td>Barella</td><td>C,N,W</td></tr<>	Barella	C,N,W	
Denver         B,G,Y           Diamond Lattice         D,WH           Dolce         C,W,WH           Dragonflies         GN,N,WH           Elephant Star         C,N,W           Ensenito         C,N,W           Fallow         C,W,WH           Ginkgo         GN,N,WH           Grandola         C,N,W           Grange         C,W,WH           Grove         C,W,WH           Harvest         C,W,W           Interlaced Birds         C,N,W           Interlaced Leaves         D,N,WH           Jardin Fretwork         C,N,W           Jardin Fretwork         C,N,W           Jardin Fretwork         C,N,W           Jardin Fretwork         C,N,W           Los Angeles         B,G,Y           Malta         C,N,W,B+W           Liva C         C,N,W           Los Angeles         B,G,Y           Malta         C,N,W,B+W           Maze         C,W,WH           Murietta         C,N,W,B+W           Old Cairo         C,N,W,B+W           Padma         C,N,W,B+W           Persian Star         C,N,W,B+W           Pivot         C,N,W	Brook	GN,N,WH	
Diamond Lattice         D,WH           Dolce         C,W,WH           Dragonflies         GN,N,WH           Elephant Star         C,N,W,B+W           Ensenito         C,N,W           Fallow         C,W,WH           Ginkgo         GN,N,WH           Grandola         C,N,W           Grange         C,W,WH           Grove         C,W,WH           Harvest         C,N,W           Interlaced Birds         C,N,W           Interlaced Leaves         D,N,WH           Isfahan         C,D,N           Jardin Fretwork         C,N,WH           Jerez         C,N,W           Kasbah Trellis         C,D,N,B+W           Liva C         C,N,W           Los Angeles         B,G,Y           Malta         C,N,W,B+W           Murietta         C,N,W,B+W           Murietta         C,N,W,B+W           Old Cairo         C,N,W,B+W           Padma         C,N,W,B+W           Persian Star         C,N,W,B+W           Pivot         C,N,W           San Carlos         C,N,W           Sensu         GN,N,WH           Sintra         C,D,N <tr< td=""><td>Cypress</td><td>GN,N,WH</td></tr<>	Cypress	GN,N,WH	
Dolce C,W,WH Dragonflies GN,N,WH Elephant Star C,N,W,B+W Ensenito C,N,W Fallow C,W,WH Ginkgo GN,N,WH Grandola C,N,W Grange C,W,WH Harvest C,W,WH Interlaced Birds C,N,W Interlaced Leaves D,N,WH Jefahan C,D,N Jardin Fretwork C,N,W Los Angeles B,G,Y Malta C,N,W,B+W Liva C C,N,WH Murietta C,N,W,B+W Maze C,W,WH Murietta C,N,W,B+W Maze C,W,WH Padma C,N,W,B+W Padma C,N,W,B+W Palmera C,N,W,B+W Pivot C,N,WH Sensu GN,N,WH Sintra C,D,N Snow Flower GN,N,WH Stream C,N,W,WH Stream C,N,W,WH Stream C,N,W,WH Stream C,N,W,WH Stream C,N,W,WH Stream C,N,W,WH Tarragona C,N,W Tortoise Shell G,N,WH	Denver	B,G,Y	
Dragonflies GN,N,WH Elephant Star C,N,W,B+W Ensenito C,N,W Fallow C,W,WH Ginkgo GN,N,WH Grandola C,N,W Grange C,W,WH Harvest Grove C,W,WH Interlaced Birds C,N,W Interlaced Leaves D,N,WH Jefab Jardin Fretwork Jardin Fretwork C,N,W Los Angeles B,G,Y Malta C,N,W,B+W Maze C,W,WH Murietta C,N,W,B+W Maze C,W,WH Palmera C,N,W,B+W Palmera C,N,W,B+W Palmera C,N,W,B+W Palmera C,N,W,B+W Pivot C,N,WH Sensu GN,N,WH Sintra C,D,N Snow Flower GN,N,WH Stream C,N,WH Stream C,N,WH Summit GN,N,WH Stream C,N,WH Summit GN,N,WH Stream C,N,WH Summit GN,N,WH Cortoise Shell GN,N,WH Cortoise Shell GN,N,WH Cortoise Shell C,N,W,WH CAW,WH C	Diamond Lattice	D,WH	
Elephant Star         C,N,W,B+W           Ensenito         C,N,W           Fallow         C,W,WH           Ginkgo         GN,N,WH           Grandola         C,N,W           Grange         C,W,WH           Grove         C,W,WH           Harvest         C,W,WH           Interlaced Birds         C,N,W           Interlaced Leaves         D,N,WH           Isfahan         C,D,N           Jardin Fretwork         C,N,WH           Jerez         C,N,W           Kasbah Trellis         C,D,N,B+W           Liva C         C,N,W           Los Angeles         B,G,Y           Malta         C,N,W,B+W           Maze         C,W,WH           Murrietta         C,N,W,B+W           Old Cairo         C,N,W,B+W           Padma         C,N,W,B+W           Padma         C,N,W,B+W           Pamera         C,N,WH           Privot         C,W,WH           San Carlos         C,N,W           Sensu         GN,N,WH           Sintra         C,D,N           Sow Flower         GN,N,WH           Stream         C,N,WH           Sum	Dolce	C,W,WH	
Ensenito C,N,W Fallow C,W,WH Ginkgo GN,N,WH Grandola C,N,W Grange C,W,WH Grove C,W,WH Harvest C,W,WH Interlaced Birds C,N,W Interlaced Leaves D,N,WH Jardin Fretwork C,N,W Liva C C,N,W Los Angeles B,G,Y Malta C,N,W,B+W Maze C,W,WH Murietta C,N,W,B+W Cold Cairo C,N,W,B+W Padma C,N,W,B+W Padma C,N,W,B+W Patmera C,N,W,B+W Pivot C,W,WH San Carlos C,N,W Sensu GN,N,WH Sintra C,D,N Snow Flower GN,N,WH Stream C,N,W,B+ Stream C,N,W,B+ Summit GN,N,WH Tarragona C,N,W Tortoise Shell G,N,WH	Dragonflies	GN,N,WH	
Fallow C,W,WH Ginkgo GN,N,WH Grandola C,N,W Grange C,W,WH Grove C,W,WH Harvest C,W,WH Interlaced Birds C,N,W Interlaced Leaves D,N,WH Jerez C,N,W Kasbah Trellis C,D,N,B+W Liva C C,N,W Los Angeles B,G,Y Malta C,N,W,B+W Maze C,W,WH Murietta C,N,W,B+W Old Cairo C,N,W,B+W Padma C,N,W,B+W Palmera C,N,W,B+W Palmera C,N,W,B+W Pivot C,W,WH San Carlos C,N,W,B+W Sintra C,N,W,B+W Sintra C,D,N Snow Flower GN,N,WH Stream C,N,W,H Stream C,N,W,H Summit GN,N,WH Tarragona C,N,W Tortoise Shell G,N,WH	Elephant Star	C,N,W,B+W	
Ginkgo GN,N,WH Grandola C,N,W Grange C,W,WH Grove C,W,WH Harvest C,W,WH Interlaced Birds C,N,W Interlaced Leaves D,N,WH Isfahan C,D,N Jardin Fretwork C,N,WH Jerez C,N,W Kasbah Trellis C,D,N,B+W Liva C C,N,W Hata C,N,W,B+W Maze C,W,WH Murietta C,N,W,B+W Maze C,W,WH Padma C,N,W,B+W Padma C,N,W,B+W Padma C,N,W,B+W Pathera C,N,W,B+W Pivot C,W,WH San Carlos C,N,W Sensu GN,N,WH Sintra C,D,N Snow Flower GN,N,WH Stream C,N,WH Summit GN,N,WH Tarragona C,N,W Tortoise Shell G,N,WH	Ensenito	C,N,W	
Grandola C,N,W Grange C,W,WH Grove C,W,WH Harvest C,W,WH Interlaced Birds C,N,W Interlaced Leaves D,N,WH Isfahan C,D,N Jardin Fretwork C,N,WH Jerez C,N,W Kasbah Trellis C,D,N,B+W Liva C C,N,W Hosta C,N,W,B+W Maze C,W,WH Murietta C,N,W,B+W Maze C,W,WH Murietta C,N,W,B+W Padma C,N,W,B+W Padma C,N,W,B+W Padma C,N,W,B+W Pathera C,N,W,B+W Pivot C,W,WH San Carlos C,N,W Sensu G,N,WH Sintra C,D,N Snow Flower GN,N,WH Stream C,N,WH Summit GN,N,WH Tarragona C,N,W Tortoise Shell G,N,WH	Fallow	C,W,WH	
Grange C,W,WH Grove C,W,WH Harvest C,W,WH Interlaced Birds C,N,W Interlaced Leaves D,N,WH Isfahan C,D,N Jardin Fretwork C,N,WH Jerez C,N,W Kasbah Trellis C,D,N,B+W Liva C C,N,W Hata C,N,W,B+W Maze C,W,WH Murietta C,N,W,B+W Old Cairo C,N,W,B+W Padma C,N,W,B+W Padma C,N,W,B+W Palmera C,N,W,B+W Poivot C,N,W,B+W San Carlos C,N,W Sensu GN,N,WH Sintra C,D,N Snow Flower GN,N,WH Stream C,N,WH Summit GN,N,WH Tarragona C,N,W Tortoise Shell G,N,WH	Ginkgo	GN,N,WH	
Grove C,W,WH Harvest C,W,WH Interlaced Birds C,N,W Interlaced Leaves D,N,WH Isfahan C,D,N Jardin Fretwork C,N,WH Jerez C,N,W Kasbah Trellis C,D,N,B+W Liva C C,N,W Los Angeles B,G,Y Malta C,N,W,B+W Maze C,W,WH Murietta C,N,W,B+W Old Cairo C,N,W,B+W Padma C,N,W,B+W Palmera C,N,W,B+W Psivot C,N,W,B+W San Carlos C,N,W Sensu GN,N,WH Sintra C,D,N Snow Flower GN,N,WH Stream C,N,WH Summit GN,N,WH Tarragona C,N,W Tortoise Shell G,N,WH	Grandola	C,N,W	
Harvest C,W,WH Interlaced Birds C,N,W Interlaced Leaves D,N,WH Isfahan C,D,N Jardin Fretwork C,N,WH Jerez C,N,W Kasbah Trellis C,D,N,B+W Liva C C,N,W Los Angeles B,G,Y Malta C,N,W,B+W Murietta C,N,W,B+W Old Cairo C,N,W,B+W Padma C,N,W,B+W Palmera C,N,W,B+W Persian Star C,N,W,B+W Sinta C,N,W Sensu GN,N,WH Sintra C,D,N Snow Flower GN,N,WH Stream C,N,WH Summit GN,N,WH Tarragona C,N,W Isfahan C,N,W Interlace C,N,W Semmit GN,N,WH Tarragona C,N,W Tortoise Shell G,N,WH	Grange	C,W,WH	
Interlaced Birds C,N,W Interlaced Leaves D,N,WH Isfahan C,D,N Jardin Fretwork C,N,WH Jerez C,N,W Kasbah Trellis C,D,N,B+W Liva C C,N,W Los Angeles B,G,Y Malta C,N,W,B+W Maze C,W,WH Murietta C,N,W,B+W Old Cairo C,N,W,B+W Padma C,N,W,B+W Palmera C,N,W,B+W Persian Star C,N,W,B+W Sintra C,N,W Sensu GN,N,WH Sintra C,D,N Snow Flower GN,N,WH Stream C,N,WH Summit GN,N,WH Tarragona C,N,W Tortoise Shell G,N,WH	Grove	C,W,WH	
Interlaced Leaves D,N,WH Isfahan C,D,N Jardin Fretwork C,N,WH Jerez C,N,W Kasbah Trellis C,D,N,B+W Liva C C,N,W Los Angeles B,G,Y Malta C,N,W,B+W Maze C,W,WH Murietta C,N,W,B+W Old Cairo C,N,W,B+W Padma C,N,W,B+W Palmera C,N,W,B+W Pivot C,N,W,B+W Pivot C,W,WH San Carlos C,N,W Sensu GN,N,WH Sintra C,D,N Snow Flower GN,N,WH Stream C,N,WH Summit GN,N,WH Tarragona C,N,W Tortoise Shell G,N,WH	Harvest	C,W,WH	
Isfahan C,D,N Jardin Fretwork C,N,WH Jerez C,N,W Kasbah Trellis C,D,N,B+W Liva C C,N,W Los Angeles B,G,Y Malta C,N,W,B+W Murietta C,N,W,B+W Old Cairo C,N,W,B+W Padma C,N,W,B+W Palmera C,N,W,B+W Pivot C,N,W,B+W Pivot C,W,WH San Carlos C,N,W Sensu GN,N,WH Sintra C,D,N Snow Flower GN,N,WH Stream C,N,WH Stream C,N,WH Summit GN,N,WH Tarragona C,N,W Tortoise Shell G,N,WH	Interlaced Birds	C,N,W	
Jardin Fretwork  Jerez  C,N,W  Kasbah Trellis  C,D,N,B+W  Liva C  C,N,W  Los Angeles  B,G,Y  Malta  C,N,W,B+W  Maze  C,W,WH  Murietta  C,N,W,B+W  Padma  C,N,W,B+W  Patmera  C,N,W,B+W  Pivot  C,N,W,B+W  San Carlos  C,N,W  Sensu  GN,N,WH  Stream  C,N,WH  Stream  C,N,WH  Stream  C,N,WH  Straragona  C,N,W  C,N,WH  C,N,WH  Straragona  C,N,W  C,N,WH  C,N,WH  Straragona  C,N,W  C,N,WH	Interlaced Leaves	D,N,WH	
Jerez         C,N,W           Kasbah Trellis         C,D,N,B+W           Liva C         C,N,W           Los Angeles         B,G,Y           Malta         C,N,W,B+W           Maze         C,W,WH           Murietta         C,N,W,B+W           Old Cairo         C,N,W,B+W           Padma         C,N,W,B+W           Persian Star         C,N,W,B+W           Pivot         C,W,WH           San Carlos         C,N,W           Sensu         GN,N,WH           Sintra         C,D,N           Snow Flower         GN,N,WH           Stream         C,N,WH           Summit         GN,N,WH           Tarragona         C,N,W           Tortoise Shell         G,N,WH	Isfahan	C,D,N	
Kasbah Trellis         C,D,N,B+W           Liva C         C,N,W           Los Angeles         B,G,Y           Malta         C,N,W,B+W           Maze         C,W,WH           Murietta         C,N,W,B+W           Old Cairo         C,N,W,B+W           Padma         C,N,W,B+W           Persian Star         C,N,W,B+W           Pivot         C,W,WH           San Carlos         C,N,W           Sensu         GN,N,WH           Sintra         C,D,N           Snow Flower         GN,N,WH           Stream         C,N,WH           Summit         GN,N,WH           Tarragona         C,N,W           Tortoise Shell         G,N,WH	Jardin Fretwork	C,N,WH	
Liva C         C,N,W           Los Angeles         B,G,Y           Malta         C,N,W,B+W           Maze         C,W,WH           Murietta         C,N,W,B+W           Old Cairo         C,N,W,B+W           Padma         C,N,W,B+W           Persian Star         C,N,W,B+W           Pivot         C,N,W,B+W           San Carlos         C,N,W           Sensu         GN,N,WH           Sintra         C,D,N           Snow Flower         GN,N,WH           Stream         C,N,WH           Summit         GN,N,WH           Tarragona         C,N,W           Tortoise Shell         G,N,WH	Jerez	C,N,W	
Los Angeles         B,G,Y           Malta         C,N,W,B+W           Maze         C,W,WH           Murietta         C,N,W,B+W           Old Cairo         C,N,W,B+W           Padma         C,N,W,B+W           Palmera         C,N,W,B+W           Pivot         C,N,W,B+W           Pivot         C,N,W           San Carlos         C,N,W           Sensu         GN,N,WH           Sintra         C,D,N           Snow Flower         GN,N,WH           Stream         C,N,WH           Summit         GN,N,WH           Tarragona         C,N,W           Tortoise Shell         G,N,WH	Kasbah Trellis	C,D,N,B+W	
Malta         C,N,W,B+W           Maze         C,W,WH           Murietta         C,N,W,B+W           Old Cairo         C,N,W,B+W           Padma         C,N,W,B+W           Palmera         C,N,W,B+W           Pivot         C,N,W,B+W           Pivot         C,N,W           San Carlos         C,N,W           Sensu         GN,N,WH           Sintra         C,D,N           Snow Flower         GN,N,WH           Starburst         D,N,WH           Stream         C,N,WH           Summit         GN,N,WH           Tarragona         C,N,W           Tortoise Shell         G,N,WH	Liva C	C,N,W	
Maze         C,W,WH           Murietta         C,N,W,B+W           Old Cairo         C,N,W,B+W           Padma         C,N,W,B+W           Palmera         C,N,WH           Persian Star         C,N,W,B+W           Pivot         C,W,WH           San Carlos         C,N,W           Sensu         GN,N,WH           Sintra         C,D,N           Snow Flower         GN,N,WH           Starburst         D,N,WH           Stream         C,N,WH           Summit         GN,N,WH           Tarragona         C,N,W           Tortoise Shell         G,N,WH	Los Angeles	B,G,Y	
Murietta         C,N,W,B+W           Old Cairo         C,N,W,B+W           Padma         C,N,W,B+W           Palmera         C,N,WH           Persian Star         C,N,W,B+W           Pivot         C,W,WH           San Carlos         C,N,W           Sensu         GN,N,WH           Sintra         C,D,N           Snow Flower         GN,N,WH           Starburst         D,N,WH           Stream         C,N,WH           Summit         GN,N,WH           Tarragona         C,N,W           Tortoise Shell         G,N,WH	Malta	C,N,W,B+W	
Old Cairo         C,N,W,B+W           Padma         C,N,W,B+W           Palmera         C,N,WH           Persian Star         C,N,W,B+W           Pivot         C,W,WH           San Carlos         C,N,W           Sensu         GN,N,WH           Sintra         C,D,N           Snow Flower         GN,N,WH           Starburst         D,N,WH           Stream         C,N,WH           Summit         GN,N,WH           Tarragona         C,N,W           Tortoise Shell         G,N,WH	Maze	C,W,WH	
Padma         C,N,W,B+W           Palmera         C,N,WH           Persian Star         C,N,W,B+W           Pivot         C,W,WH           San Carlos         C,N,W           Sensu         GN,N,WH           Sintra         C,D,N           Snow Flower         GN,N,WH           Starburst         D,N,WH           Stream         C,N,WH           Summit         GN,N,WH           Tarragona         C,N,W           Tortoise Shell         G,N,WH	Murietta	C,N,W,B+W	
Palmera         C,N,WH           Persian Star         C,N,W,B+W           Pivot         C,W,WH           San Carlos         C,N,W           Sensu         GN,N,WH           Sintra         C,D,N           Snow Flower         GN,N,WH           Starburst         D,N,WH           Stream         C,N,WH           Summit         GN,N,WH           Tarragona         C,N,W           Tortoise Shell         G,N,WH	Old Cairo	C,N,W,B+W	
Persian Star         C,N,W,B+W           Pivot         C,W,WH           San Carlos         C,N,W           Sensu         GN,N,WH           Sintra         C,D,N           Snow Flower         GN,N,WH           Starburst         D,N,WH           Stream         C,N,WH           Summit         GN,N,WH           Tarragona         C,N,W           Tortoise Shell         G,N,WH	Padma	C,N,W,B+W	
Pivot         C,W,WH           San Carlos         C,N,W           Sensu         GN,N,WH           Sintra         C,D,N           Snow Flower         GN,N,WH           Starburst         D,N,WH           Stream         C,N,WH           Summit         GN,N,WH           Tarragona         C,N,W           Tortoise Shell         G,N,WH	Palmera	C,N,WH	
San Carlos         C,N,W           Sensu         GN,N,WH           Sintra         C,D,N           Snow Flower         GN,N,WH           Starburst         D,N,WH           Stream         C,N,WH           Summit         GN,N,WH           Tarragona         C,N,W           Tortoise Shell         G,N,WH	Persian Star	C,N,W,B+W	
Sensu         GN,N,WH           Sintra         C,D,N           Snow Flower         GN,N,WH           Starburst         D,N,WH           Stream         C,N,WH           Summit         GN,N,WH           Tarragona         C,N,W           Tortoise Shell         G,N,WH	Pivot	C,W,WH	
Sintra         C,D,N           Snow Flower         GN,N,WH           Starburst         D,N,WH           Stream         C,N,WH           Summit         GN,N,WH           Tarragona         C,N,W           Tortoise Shell         G,N,WH	San Carlos	C,N,W	
Snow Flower         GN,N,WH           Starburst         D,N,WH           Stream         C,N,WH           Summit         GN,N,WH           Tarragona         C,N,W           Tortoise Shell         G,N,WH	Sensu	GN,N,WH	
Starburst         D,N,WH           Stream         C,N,WH           Summit         GN,N,WH           Tarragona         C,N,W           Tortoise Shell         G,N,WH	Sintra	C,D,N	
Stream         C,N,WH           Summit         GN,N,WH           Tarragona         C,N,W           Tortoise Shell         G,N,WH	Snow Flower	GN,N,WH	
Summit GN,N,WH Tarragona C,N,W Tortoise Shell G,N,WH	Starburst	D,N,WH	
Tarragona C,N,W Tortoise Shell G,N,WH	Stream	C,N,WH	
Tortoise Shell G,N,WH	Summit	GN,N,WH	
	Tarragona		
Valencia C N W	Tortoise Shell	G,N,WH	
valericia C,14,44	Valencia	C,N,W	
Winter Mountain GN,N,WH	Winter Mountain	GN,N,WH	
Zuma C,N,W	Zuma	C,N,W	
Seattle B,G,Y	Seattle	B,G,Y	