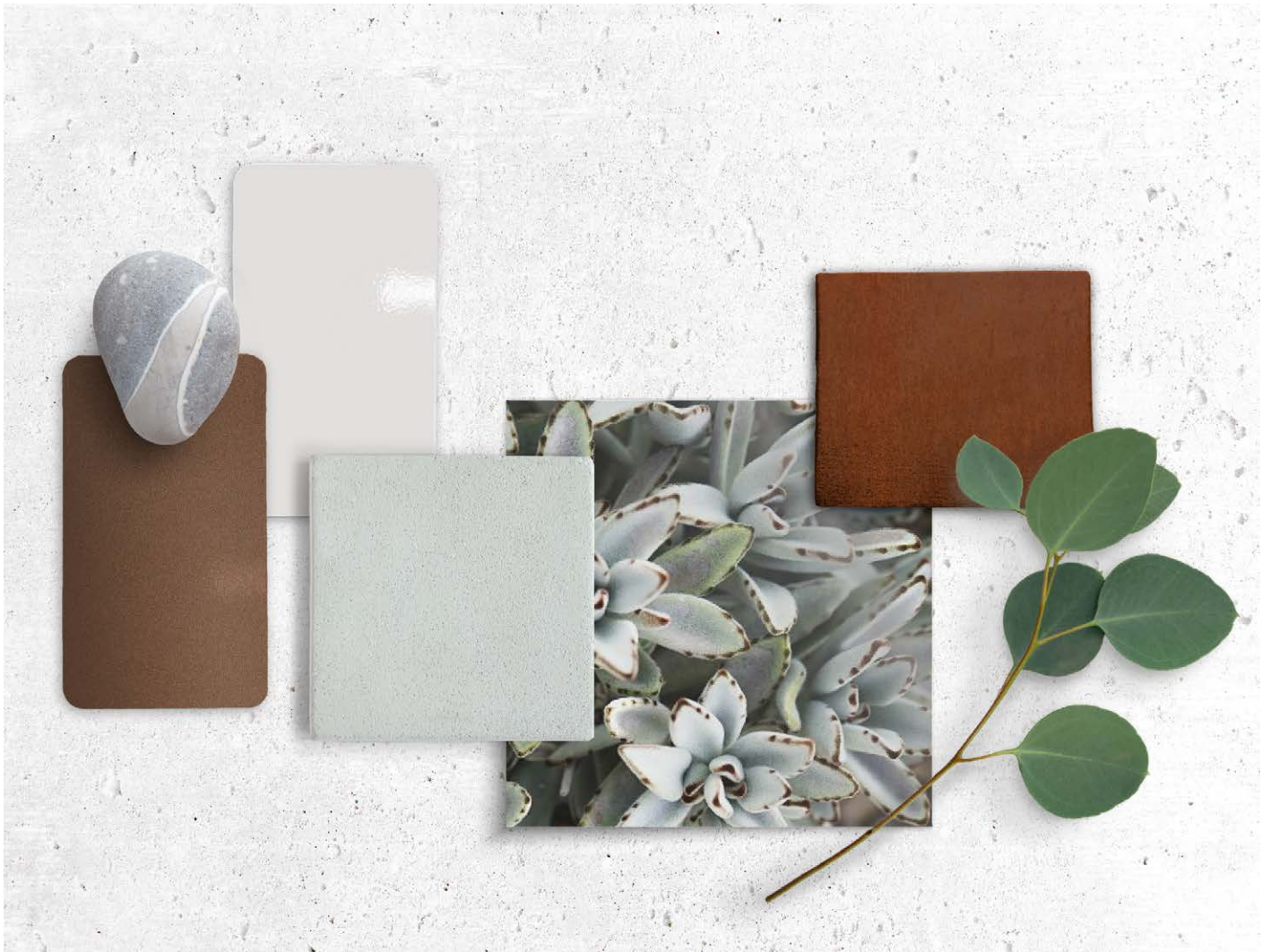


Materials & Finishes

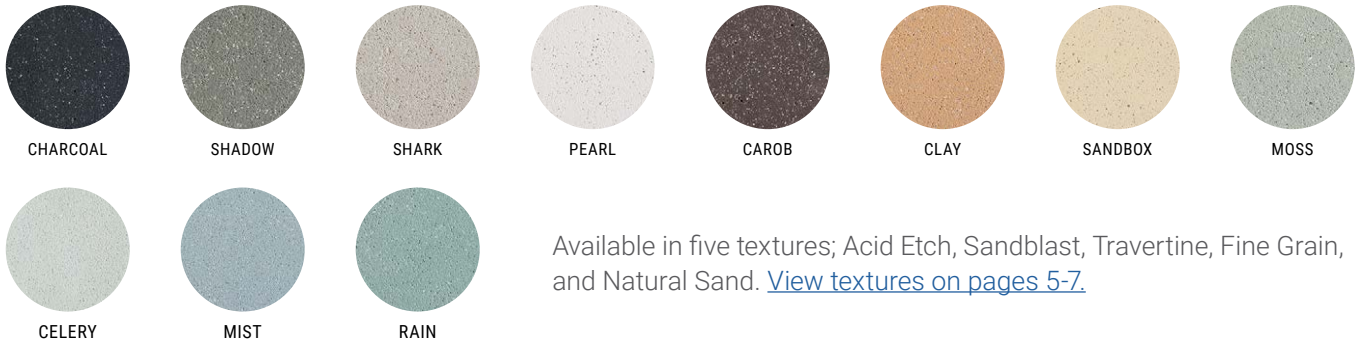


GFRC LIGHTWEIGHT CONCRETE
FRP FIBERGLASS
POWDER-COATED ALUMINUM & STEEL
GREENSCREEN TRELLIS
WEATHERING STEEL
WOOD VARIETIES
RECYCLED PLASTIC LUMBER

This document is intended as an overview of our materials & finishes. Images of samples are provided as a guide. Physical samples and swatch books can be ordered on our website at tournesol.com/finishes.

For more information about our materials, see tournesol.com/care.

GFRC - Lightweight Concrete



Available in five textures; Acid Etch, Sandblast, Travertine, Fine Grain, and Natural Sand. [View textures on pages 5-7.](#)

FRP - Fiberglass



Available in three textures; Smooth, Rough Stucco, and Orange Peel. [View textures on pages 8-14.](#)

GFRC Lightweight Concrete

Our GFRC products are cast in our plant in Juarez, Mexico. GFRC is glass fiber reinforced concrete. It's made by combining a mixture of fine sand, cement, polymer, water, other admixtures, and alkali-resistant glass fibers.

FRP Fiberglass

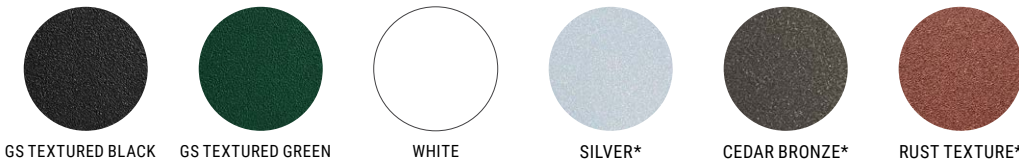
Our commercial-grade FRP planters are highly durable, last longer than plastic, and will endure in most winter climates. Our labor-intensive process results in a uniform, consistent quality product. Available in three textures; Smooth, Rough Stucco, and Orange Peel.

Powder-Coat Finishes - Aluminum & Steel [Larger Swatches on page 8](#)



*Our standard powder-coat colors come in semi-gloss, except Pitch Satin, Rust Texture, and Metallic colors.

Greenscreen Trellis [More information on page 15](#)



Weathering Steel



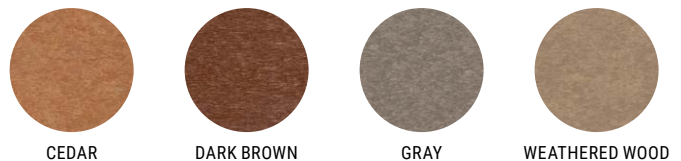
Our weathering steel products are A588 and A606 grade, shipped un-weathered with the natural mill scale finish. The presence of scale will affect the appearance of rust. These products may begin to rust in transit. Although the initial rust patina develops within weeks, complete rusting may take years to advance.

[More information on page 16](#)

Wood [More information on page 17](#)



Recycled Plastic [More information on page 18](#)





Glass Fiber Reinforced Concrete - GFRC

We cast GFRC products in our plant in Juarez, Mexico. GFRC is glass fiber reinforced concrete and is made by combining a mixture of lightfast pigments, fine sand, cement, polymer, water, and alkali-resistant glass fibers.

Our GFRC products are available in five textures and a palette of colors. See all of these textures and colors on our Samples & Finishes page.

The glass fibers used in GFRC help give this unique compound its strength. Alkali-resistant fibers act as the principal tensile load-carrying member, while the polymer and concrete matrix bind the threads together and helps transfer loads from one fiber to another. Without fibers, GFRC would not possess its strength and would be more prone to breakage and cracking.

GFRC products have the appearance of poured concrete but are lighter and stronger. Thin layers of materials are hand-applied to mold interiors with added strength from

layers of fiberglass. Our production process is different for each of our GFRC textures. All GFRC products include binders to resist cracking and efflorescence.

Interior Sealant

Once cast, our planters have an interior sealant added as a water-resistant, damp-proofing layer to prevent most efflorescence and cracking.

Optional Waterproofing

TourneSeal, an optional waterproofing, can be applied to the planter interior. Once coated, we test for watertightness and recommend our customers do an additional test after installation before filling.

Exterior Sealant

Concrete is a porous surface that absorbs moisture and minerals, which can cause changes to the surface appearance. To preserve original appearance, our GFRC is sealed with clear concrete sealer.

GFRC - Lightweight Concrete



CHARCOAL
ACID ETCH



CHARCOAL
SANDBLAST



CHARCOAL
NATURAL SAND



CHARCOAL
FINE GRAIN



CHARCOAL
TRAVERTINE



SHADOW
ACID ETCH



SHADOW
SANDBLAST



SHADOW
NATURAL SAND



SHADOW
FINE GRAIN



SHADOW
TRAVERTINE



SHARK
ACID ETCH



SHARK
SANDBLAST



SHARK
NATURAL SAND



SHARK
FINE GRAIN



SHARK
TRAVERTINE



PEARL
ACID ETCH



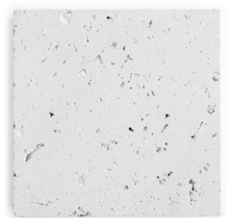
PEARL
SANDBLAST



PEARL
NATURAL SAND



PEARL
FINE GRAIN



PEARL
TRAVERTINE

GFRC - Lightweight Concrete



MIST
ACID ETCH



MIST
SANDBLAST



MIST
NATURAL SAND



MIST
FINE GRAIN



MIST
TRAVERTINE



RAIN
ACID ETCH



RAIN
SANDBLAST



RAIN
NATURAL SAND



RAIN
FINE GRAIN



RAIN
TRAVERTINE



CELERY
ACID ETCH



CELERY
SANDBLAST



CELERY
NATURAL SAND



CELERY
FINE GRAIN



CELERY
TRAVERTINE



MOSS
ACID ETCH



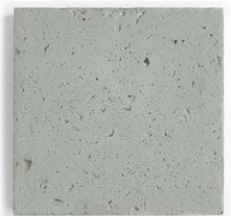
MOSS
SANDBLAST



MOSS
NATURAL SAND



MOSS
FINE GRAIN



MOSS
TRAVERTINE

GFRC - Lightweight Concrete



CAROB
ACID ETCH



CAROB
SANDBLAST



CAROB
NATURAL SAND



CAROB
FINE GRAIN



CAROB
TRAVERTINE



CLAY
ACID ETCH



CLAY
SANDBLAST



CLAY
NATURAL SAND



CLAY
FINE GRAIN



CLAY
TRAVERTINE



SANDBOX
ACID ETCH



SANDBOX
SANDBLAST



SANDBOX
NATURAL SAND



SANDBOX
FINE GRAIN



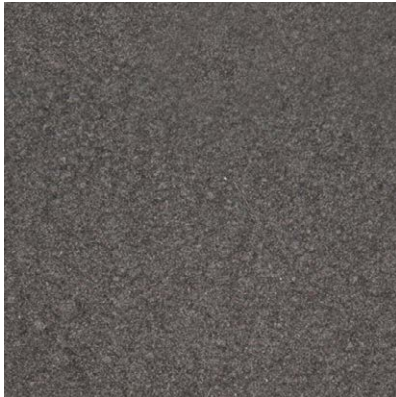
SANDBOX
TRAVERTINE



Fiberglass - FRP

Our commercial-grade FRP planters are highly durable, last longer than plastic, and will endure in most winter climates. Our labor-intensive process results in a uniform, consistent quality product; a great lightweight choice for rooftop applications. FRP is available in 3 textures; Smooth, Rough Stucco, and Orange Peel.

FRP - Fiberglass



IRON
SMOOTH



IRON
ROUGH STUCCO



IRON
ORANGE PEEL



BRONZE
SMOOTH



BRONZE
ROUGH STUCCO



BRONZE
ORANGE PEEL



SILVER
SMOOTH



SILVER
ROUGH STUCCO



SILVER
ORANGE PEEL

FRP - Fiberglass



PITCH
SMOOTH



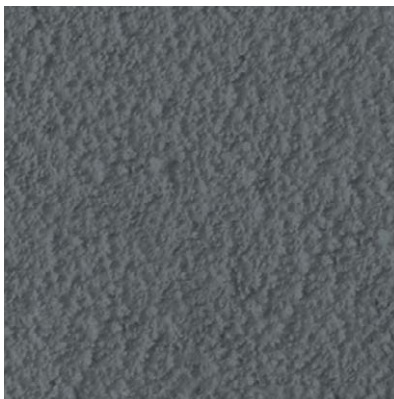
PITCH
ROUGH STUCCO



PITCH
ORANGE PEEL



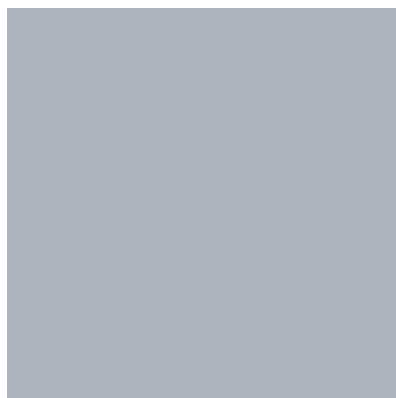
SHADOW
SMOOTH



SHADOW
ROUGH STUCCO



SHADOW
ORANGE PEEL



SHARK
SMOOTH



SHARK
ROUGH STUCCO



SHARK
ORANGE PEEL

FRP - Fiberglass



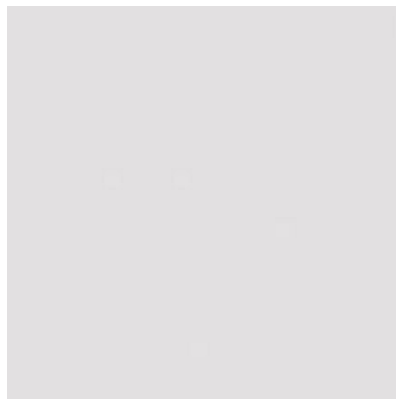
PUDDLE
SMOOTH



PUDDLE
ROUGH STUCCO



PUDDLE
ORANGE PEEL



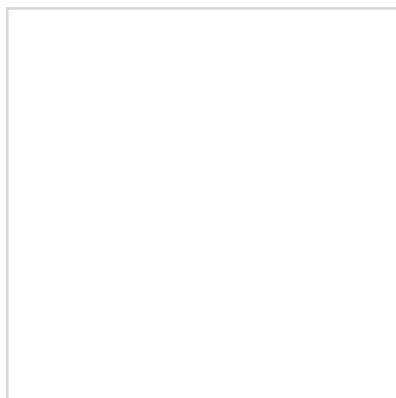
SMOKE
SMOOTH



SMOKE
ROUGH STUCCO



SMOKE
ORANGE PEEL



WHITE
SMOOTH



WHITE
ROUGH STUCCO



WHITE
ORANGE PEEL

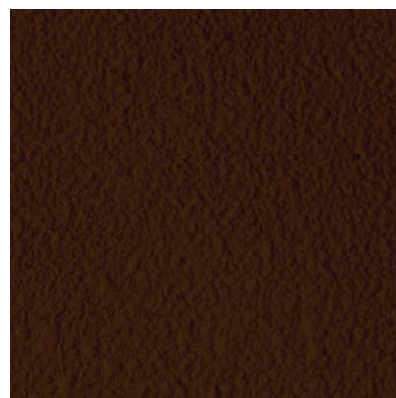
FRP - Fiberglass



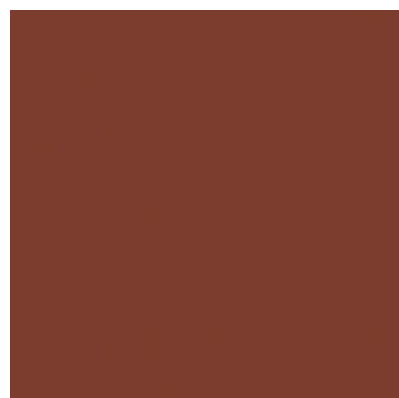
CHOCOLATE
SMOOTH



CHOCOLATE
ROUGH STUCCO



CHOCOLATE
ORANGE PEEL



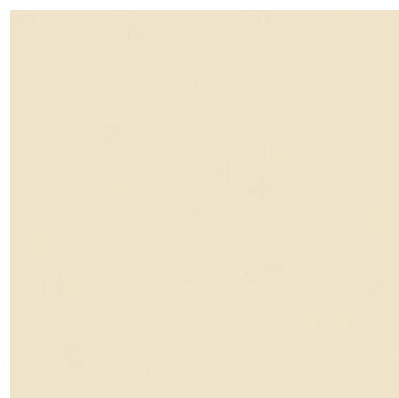
TERRA COTTA
SMOOTH



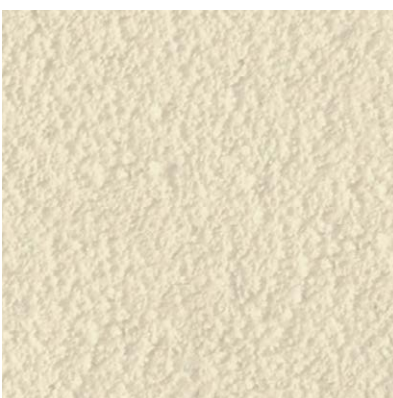
TERRA COTTA
ROUGH STUCCO



TERRA COTTA
ORANGE PEEL



REED
SMOOTH



REED
ROUGH STUCCO



REED
ORANGE PEEL

FRP - Fiberglass



CITRON
SMOOTH



CITRON
ROUGH STUCCO



CITRON
ORANGE PEEL



CARIBBEAN
SMOOTH



CARIBBEAN
ROUGH STUCCO



CARIBBEAN
ORANGE PEEL



SAGE
SMOOTH



SAGE
ROUGH STUCCO



SAGE
ORANGE PEEL

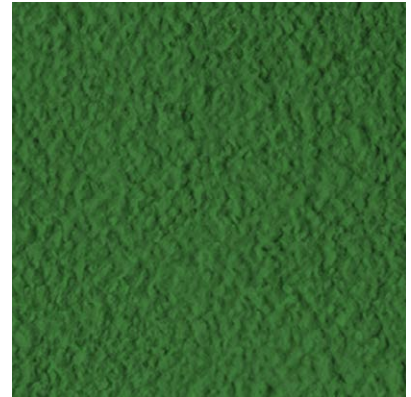
FRP - Fiberglass



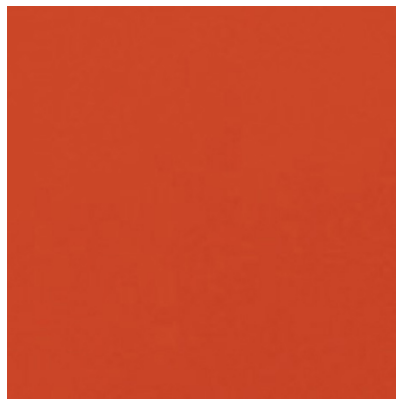
BASIL
SMOOTH



BASIL
ROUGH STUCCO



BASIL
ORANGE PEEL



TOMATO
SMOOTH



TOMATO
ROUGH STUCCO



TOMATO
ORANGE PEEL



ROYALTY
SMOOTH



ROYALTY
ROUGH STUCCO



ROYALTY
ORANGE PEEL

Powder-Coat Finishes - Aluminum & Steel



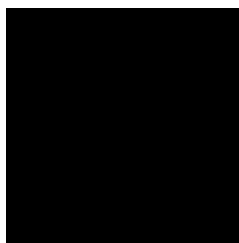
CEDAR BRONZE*
TIGER 49/61120



CHAMPAGNE*
TIGER 049/91558



SILVER*
TIGER 049/90500



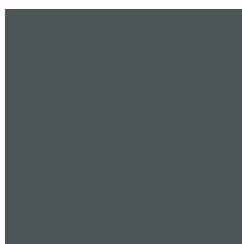
PITCH SATIN*
CARDINAL T002-BK08



PITCH
CARDINAL T009-BK12



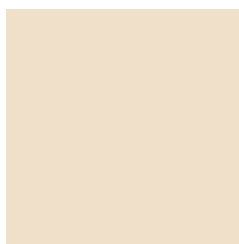
PUDDLE
RAL 7022



SHADOW
RAL 5003



SHARK
RAL 7038



WHEAT
RAL 1013



WHITE
RAL 9016



CHOCOLATE
RAL 8016



RUST TEXTURE*
CARDINAL BR47



CHILI
RAL 3013



CORAL
RAL 2012



SUNFLOWER
RAL 1005



EGGPLANT
RAL 4007



SAPPHIRE
RAL 5003



BRILLIANT BLUE
RAL 5007



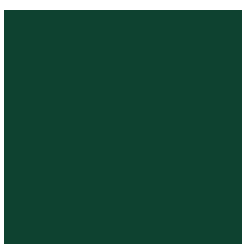
TEAL
RAL 6034



AEGEAN
RAL 5020



FOREST
RAL 6009



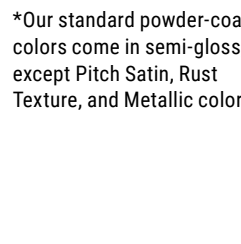
PINE
RAL 6005



FERN
RAL 6025



PISTACHIO
RAL 6019



*Our standard powder-coat colors come in semi-gloss, except Pitch Satin, Rust Texture, and Metallic colors.



Greenscreen[®] Trellis

Our rigid and lightweight three-dimensional trellis panels are fabricated from 14-gauge galvanized steel wire in accordance with ASTM A641. The wire is welded at intersections to form a 2" x 2" face grid on the front and back of each panel. Bent wire trusses are spaced at 2" centers and welded to the front and back of each

face grid at the truss apex, separating the two face grids and creating their 3" depth. Panels are made to order, customizable, and powder-coated. Panels can be installed horizontally or vertically, mounted to walls or between posts, as infill or overhead with steel supports



Weathering Steel

Weathering steel allows increased resistance to atmospheric corrosion compared to other steels. The steel forms a protective layer on its surface under the influence of the weather. The layer protecting the surface develops and regenerates continuously - the steel can rust to form a protective coating. All rust is water-soluble.

Our steel planter walls begin as steel sheets; the walls are precision cut to specified dimensions on a laser-cutter, then formed, meticulously assembled, and precisely welded. Metal planters are most vulnerable at their base; at Tournesol, we create our steel planters with stainless steel bases to extend planter life and reduce rust and staining of adjacent surfaces.

Our weathering steel products are A588 and A606 grade, shipped un-weathered with the natural mill scale finish. The presence of scale will affect the appearance of rust. These products may begin to rust in transit. Although the initial rust patina develops within weeks, complete rusting may take years to advance. The uniformity of the rust finish and rate of rust formation varies considerably based on environmental conditions, including humidity, salt (seashore), and temperature elements at the installation location. Weathering Steel oxidizes from a vibrant orange to a deep red-orange/darker brown color. Its warm industrial aesthetic is a favorite of many landscape architects.



Thermally Modified Hardwood

Our thermally modified wood is manufactured from hardwoods harvested in the Northeast, typically Oak. The wood is thermally processed in a kiln, producing a deep, rich color. Color and grain vary.

Like all natural wood products, thermally modified wood will turn silver/gray once exposed to UV sunlight.

For more info: tournesol.com/fabrication-and-materials



Red Cedar

A softwood tree, highly valued for its resistance to decay and insects, durability, and attractive reddish-brown color. The wood is lightweight yet solid and stable, with a straight, uniform grain and a fine, even texture. Red Cedar has a pleasant, distinctive aroma due to the natural oils that help protect it from decay and insects.



Douglas Fir

A coniferous, softwood tree commonly found in western North America, Douglas Fir is a strong and dense wood with a high stiffness-to-weight ratio. It has a straight grain and a moderately coarse texture with a reddish-brown color. Highly resistant to decay and insect damage, its properties present strength, durability, and versatility for outdoor applications.



Ipe

A hardwood native to Central and South America, Ipe is highly valued for its resistance to moisture, insects, and decay; its extreme durability includes resistance to dents and scratches. Ipe has a dense, tight grain with a rich, dark brown color. The wood is very hard and heavy, with natural oils that help it remain durable and protected in inclement weather, fungal decay, and water damage.



CEDAR



DARK BROWN



GRAY



WEATHERED WOOD

Recycled Plastic Lumber

Our recycled plastic lumber is a milk-bottle based, recycled plastic lumber which maintains its structure and durability.

This recycled plastic lumber is 90% recyclable, and 90% is post-consumer content and reduces the demand for virgin plastic or wood.

Utilizing recycled plastic lumber helps divert plastics from landfills, reducing environmental pollution and promoting waste management.

Reduction of Environmental Impact: Choosing recycled plastic lumber for park furniture and other applications helps minimize environmental damage by avoiding the depletion of natural resources and reducing energy consumption.

Durability and Longevity: Recycled plastic lumber is resistant to cracking, splitting, and rot, which enhances its lifespan compared to traditional wood materials, reducing the need for frequent replacements and conserving resources in the long term.