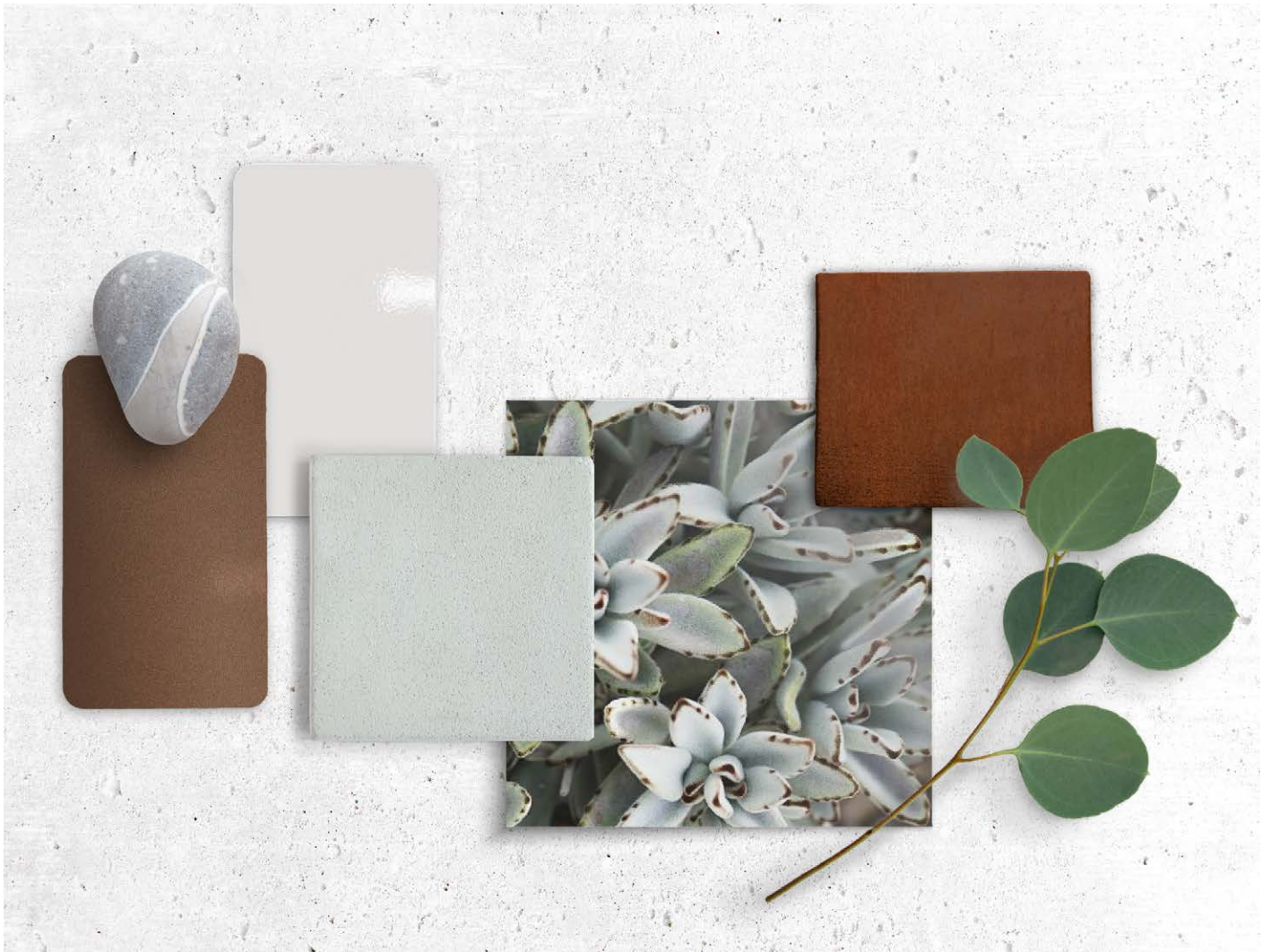


# Materials & Finishes

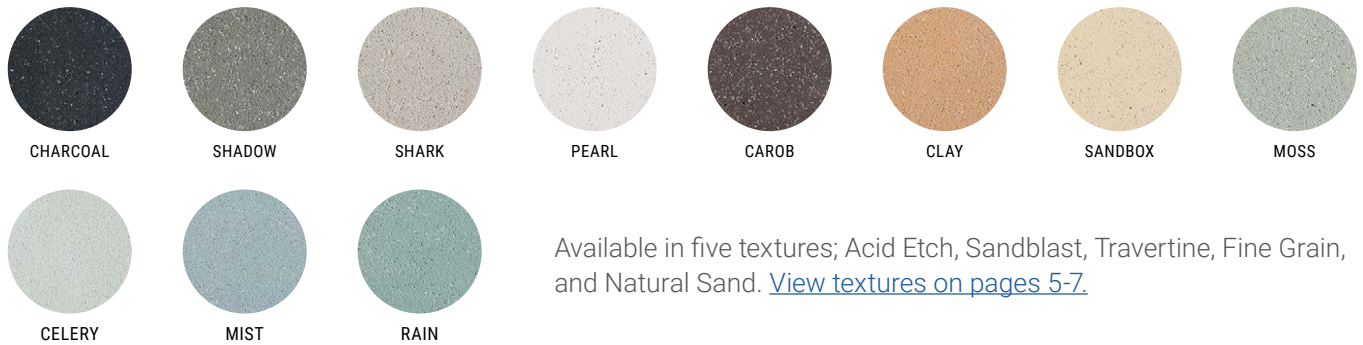


GFRC LIGHTWEIGHT CONCRETE  
FRP FIBERGLASS  
POWDER-COATED ALUMINUM & STEEL  
GREENSCREEN TRELLIS  
WEATHERING STEEL  
WOOD VARIETIES  
RECYCLED PLASTIC LUMBER

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](https://tournesol.com/finishes).

For more information about our materials, see [tournesol.com/care](https://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.

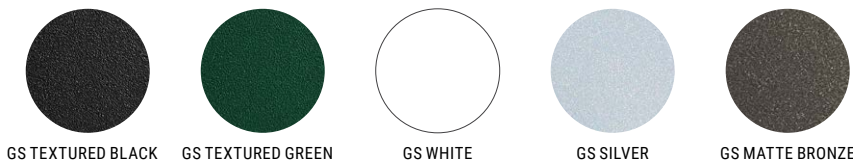
### FRP Fiberglass

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](#)



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



# Weathering Steel



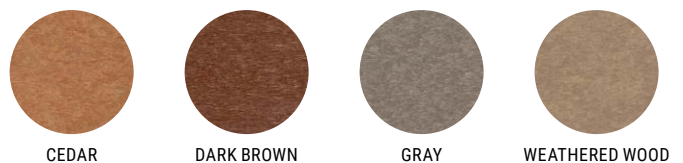
Our weathering steel products are A588 and A606 grade, shipped un-weathered with the natural mill scale finish. The presence of scale will affect the appearance of rust. These products may begin to rust in transit. Although the initial rust patina develops within weeks, complete rusting may take years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



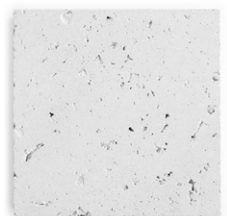
PEARL  
SANDBLAST



PEARL  
NATURAL SAND



PEARL  
FINE GRAIN



PEARL  
TRAVERTINE



# GFR - 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.



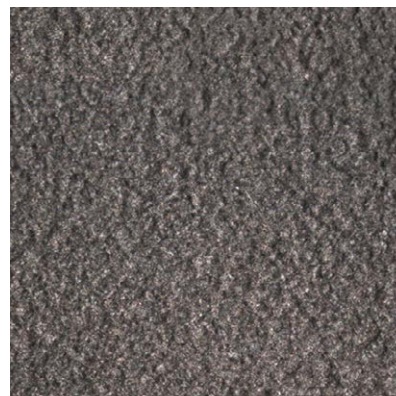
# FRP - Fiberglass



IRON  
SMOOTH



IRON  
ROUGH STUCCO



IRON  
ORANGE PEEL



BRONZE  
SMOOTH



BRONZE  
ROUGH STUCCO



BRONZE  
ORANGE PEEL



SILVER  
SMOOTH

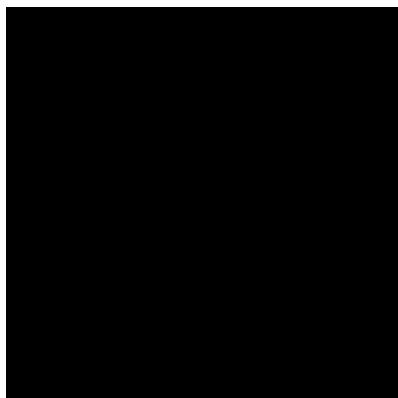


SILVER  
ROUGH STUCCO

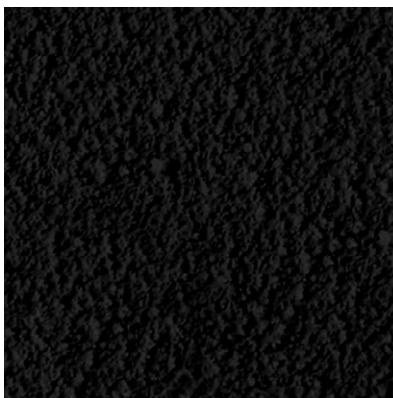


SILVER  
ORANGE PEEL

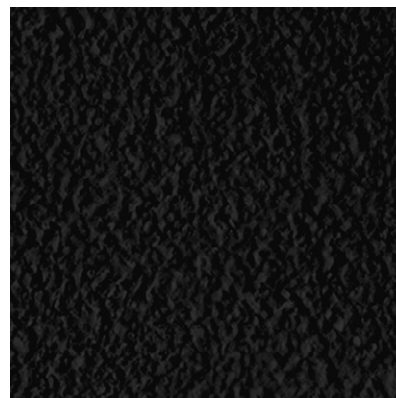
# FRP - Fiberglass



PITCH  
SMOOTH



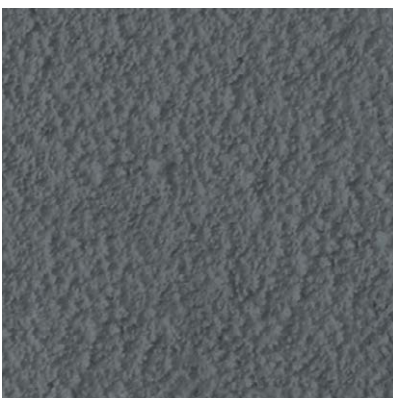
PITCH  
ROUGH STUCCO



PITCH  
ORANGE PEEL



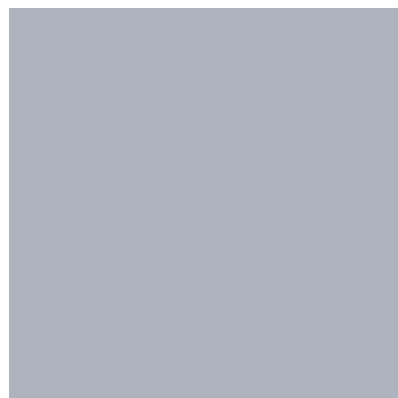
SHADOW  
SMOOTH



SHADOW  
ROUGH STUCCO



SHADOW  
ORANGE PEEL



SHARK  
SMOOTH



SHARK  
ROUGH STUCCO



SHARK  
ORANGE PEEL



# FRP - Fiberglass



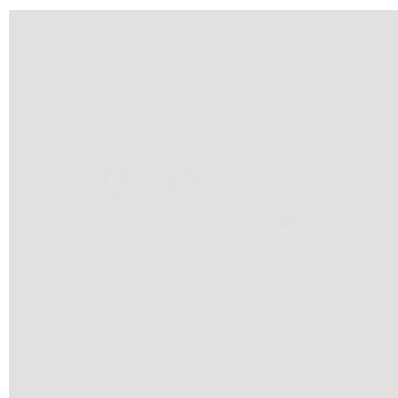
PUDDLE  
SMOOTH



PUDDLE  
ROUGH STUCCO



PUDDLE  
ORANGE PEEL



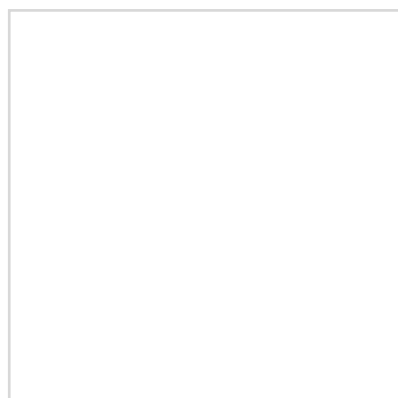
SMOKE  
SMOOTH



SMOKE  
ROUGH STUCCO



SMOKE  
ORANGE PEEL



WHITE  
SMOOTH



WHITE  
ROUGH STUCCO



WHITE  
ORANGE PEEL

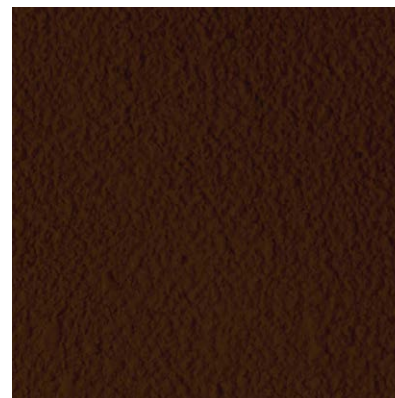
# FRP - Fiberglass



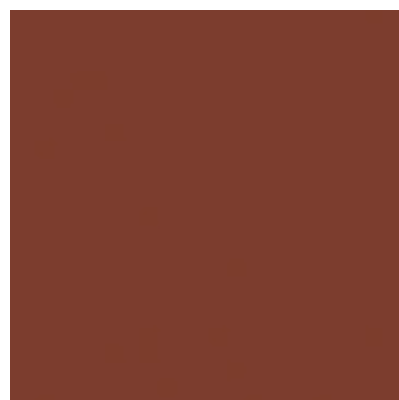
CHOCOLATE  
SMOOTH



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



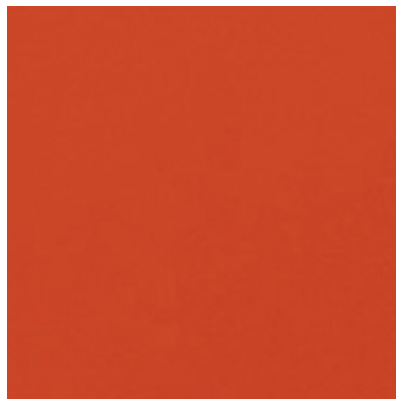
BASIL  
SMOOTH



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



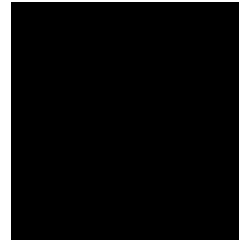
CEDAR BRONZE\*  
TIGER 49/61120



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



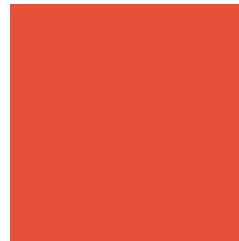
CHOCOLATE  
RAL 8016



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.



Also available in GS Gloss White (not shown here).

## Greenscreen<sup>®</sup> 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](https://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.