

Ipé
GOODFELLOW





Agenda

- Ipé Introduction
- Ipé Pros, Cons, and Tips
- Product Sizes
- Profiles (5/4 X 6 SOLID AND GROOVED)
- Ipex siding Tongue and Groove flooring) other custom dimensions
- Ipé Tiles
- Installation
- Maintenance
- DeckWise Accessories
- Messmer's Oil
- Starborn Accessories



Introduction

- Ipé is a Brazilian hardwood primarily harvested in Central and Northern Brazil.
- It has a deep red/brown color when new and doesn't require treatments like pine.
- Ipé is one of the hardest and most durable decking woods available with the highest Janka rating (similar to concrete).
- It can be UV/oil coated to preserve the natural red tones or left to fade in the sunlight to a beautiful silver color.
- Ipé is rot and termite resistant, making it ideal for outdoor applications.
- Ipé is also known by nicknames such as Ironwood, Brazilian Walnut, and Pau Lope.

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Pros of working with Ipé

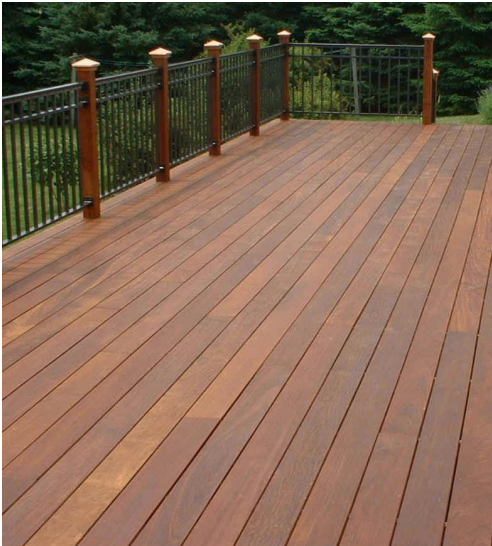
- Extremely durable and long-lasting, with high resistance to rot, decay, and insect infestation
- High density and hardness make it resistant to wear and tear, scratches, and dents
- Low maintenance requirements, as it is naturally resistant to moisture, mold, and mildew
- Beautiful and unique appearance with a range of natural colors and grain patterns
- Versatile and can be used in a variety of outdoor applications, including decking, siding, fencing, and outdoor furniture
- Fire-resistant, making it a safe choice for outdoor structures



Cons of working with Ipé

- Extremely dense and hard, which can make it difficult to work with hand or power tools
- High cutting resistance during sawing, which can lead to slower work and dulling of tools
- Can cause tear-out or chipping when working with interlocked or irregular grain patterns
- Can be challenging to glue or finish, requiring special preparation and techniques for proper adhesion and appearance





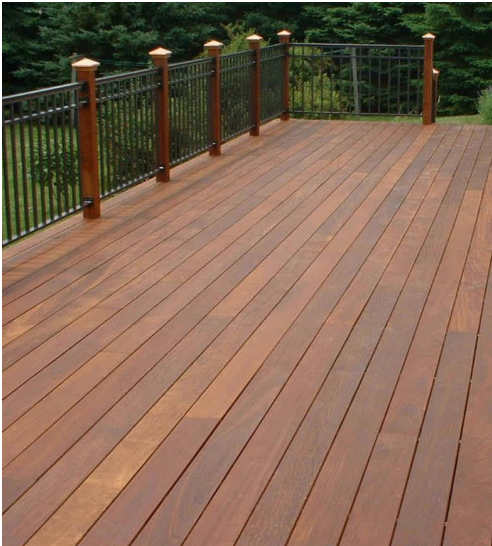
Tips for working with Ipé

- Use carbide-tipped saw blades and router bits to avoid dulling or damaging tools
- Take care to avoid tear-out by cutting with the grain and using sharp blades
- Sand and clean the surface before applying any finishes or adhesives




















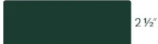

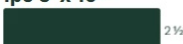



Tips for working with Ipé


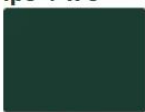
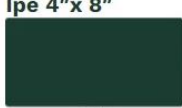


- Use specialized oil-based finishes designed for use with Ipé to protect and enhance its natural beauty
- Only apply one coat of oil when treating Ipé.
- Consider using hidden fastening systems, like DeckWise or Starborn, to avoid visible screws or nails and ensure a clean and uniform appearance.



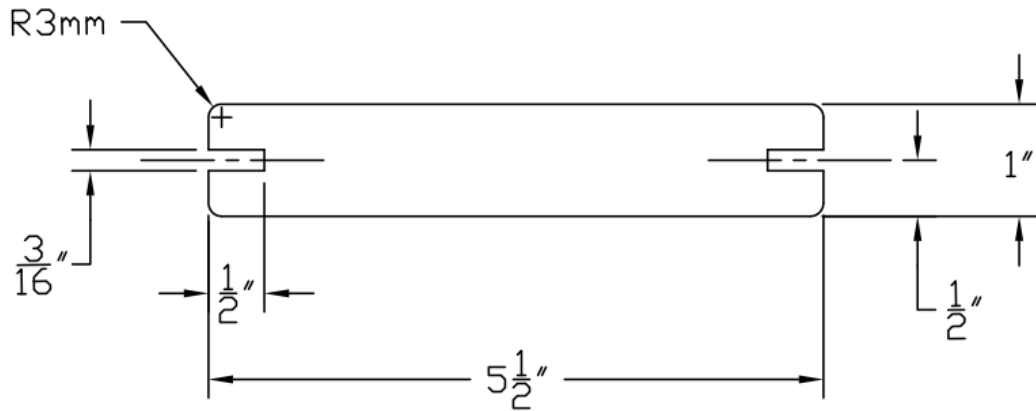
AVAILABLE SIZES

Ipe Actual Sizes	Ipe 5/4"
Ipe 1"x 4" 	Ipe 5/4"x 4" 
Ipe 1"x 6" 	Ipe 5/4"x 6" 
Ipe 1"x 8" 	Ipe 5/4"x 8" 
Ipe 1"x 10" 	Ipe 5/4"x 10" 
Ipe 1"x 12" 	Ipe 5/4"x 12" 
Ipe 1"x 6" Grooved 	Ipe 5/4"x 6" 

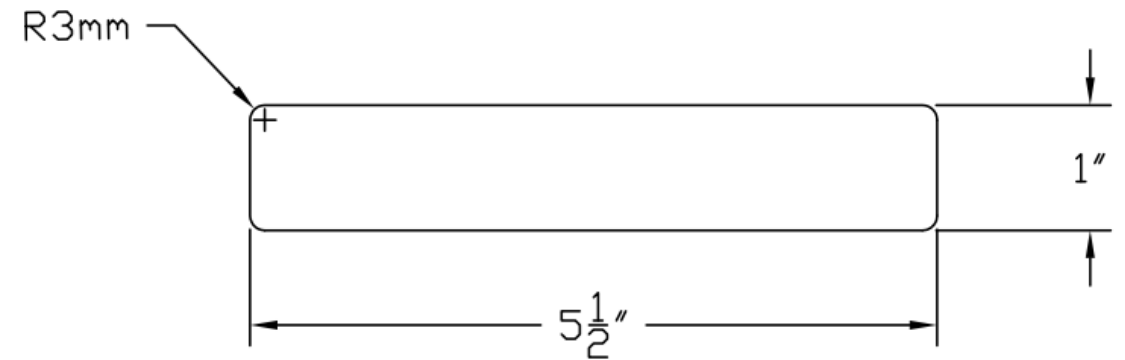
Ipe 2"	Ipe 3"
Ipe 2"x 2" 	Ipe 2"x 2" 
Ipe 2"x 4" 	Ipe 3"x 6" 
Ipe 2"x 6" 	Ipe 3"x 8" 
Ipe 2"x 8" 	Ipe 3"x 10" 
Ipe 2"x 10" 	Ipe 3"x 10" 
Ipe 2"x12" 	

Ipe 4"		
Ipe 4"x 4"  3 1/2"	Ipe 4"x 6"  5 1/2"	Ipe 4"x 8"  7 1/2"
Ipe 6"x 6"  5 1/2"	Ipe 8"x 8"  7 1/4"	

PROFILES : 5/4 X 6 SOLID AND GROOVED



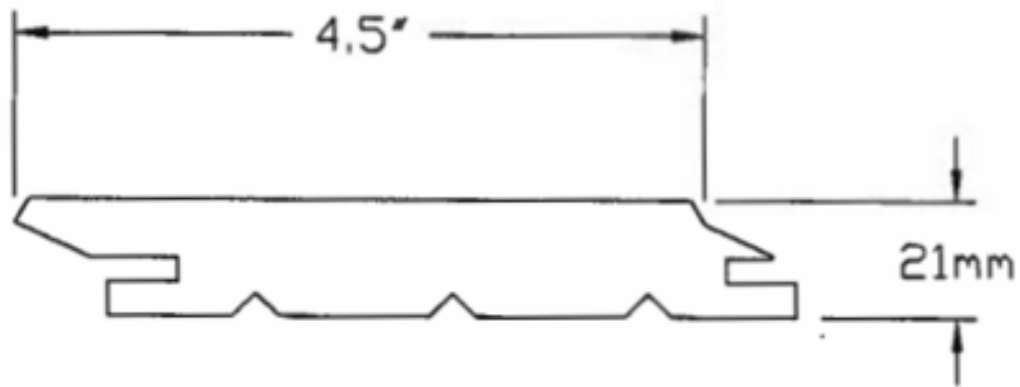
5/4 x 6" IPE DECKING, GROOVED



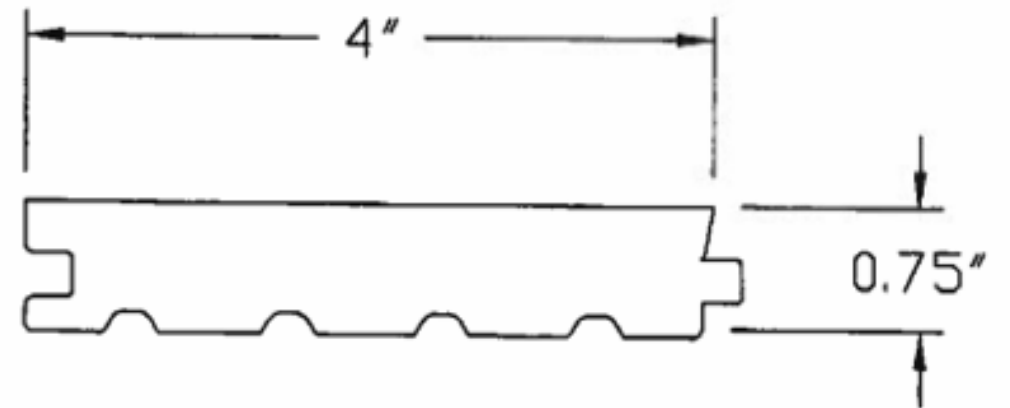
5/4 x 6" IPE DECKING, SOLID

PROFILES

IPEX IPE SIDING



TONGUE AND GROOVE



Ipé Tiles

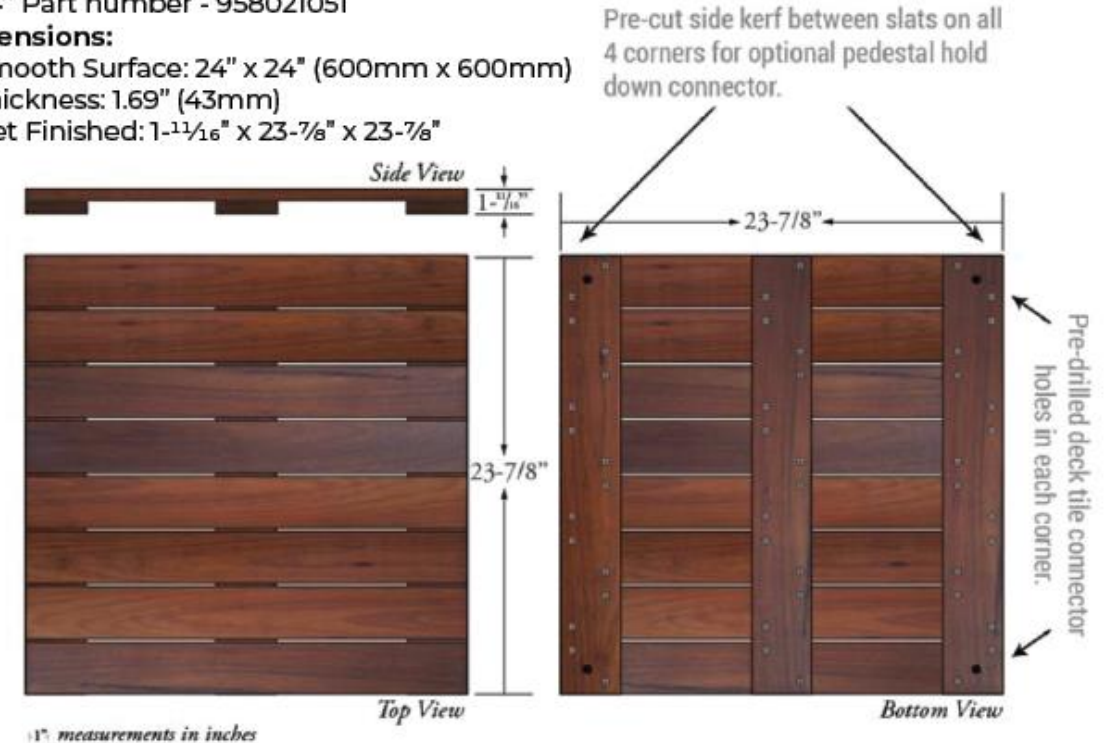
- Commonly used on flat surfaces, rooftop decks, concrete pads and so on.
- Simple to remove, rearrange, interchange and lay in new locations.
- The tiles have pre-drilled holes to accept the connectors on all corners.



24" X 24" Part number - 958021051

Tile Dimensions:

- o Smooth Surface: 24" x 24" (600mm x 600mm)
- o Thickness: 1.69" (43mm)
- o Net Finished: 1-11/16" x 23-7/8" x 23-7/8"



Ipé Tile Connectors

Part number - 958021101

DeckWise Tile connectors should be purchased one per tile required, on average. This may vary with layout plans. These connectors attach the tiles underneath, and each quarter is easily cut out using a sharp utility knife to use on sides and corners.



Code : 958021101
(For all colors offered)

- Color options ; black, Brown, Grey
- Purpose ; to connect Tiles together on flat surface ,typically cement or equivalent flat surface.
- Tiles are pre drilled to receive the ipe connector to easily be attached .Each Tile connector comes with 4 ribbed pine tree clips already inserted for quick installation to the tile and also comes with 4 moulded score lines for ease of cutting and trimming around decking edges, corners.
- Formula used to determine Quantities need per tile is 1.25/tile
- The Tiles have pre dilled holes to accept the Connectors on all corners
- The Deck Tile connectors are made of Polyethylene plastic and feature integrated 3/8" gap spacers to automatically set the perfect tile spacing .A prefabricated hole guarantees the securing of connectors to foundations when using proper fastening methods.
- Ipe Tile connectors can be installed on most solid surfaces (pre-existing wooden decks, roof tops or concrete slabs, each connector elevates hardwood deck tiles off the installation surface for proper water drainage (approx. 3/16")

Ipe Tile Connectors DeckWise



A close-up photograph of several parallel wooden decking boards, showing their natural grain and reddish-brown color. The boards are arranged diagonally from the top-left to the bottom-right of the frame.

Ipé Installation

- Before installation, acclimate the Ipé decking boards to the local climate for a minimum of 48 hours.
- Make sure to leave sufficient spacing between boards to allow for expansion and contraction due to changes in temperature and humidity.
- Always pre-drill holes to prevent splitting and ensure proper alignment of the screws or clips.

A close-up photograph of several parallel wooden planks, likely Ipé decking, showing their natural grain and reddish-brown color. The planks are arranged diagonally from the top-left towards the bottom-right of the frame.

Ipé Installation

- Use stainless steel screws or clips specifically designed for Ipé decking, such as those offered by DeckWise and Starborn.
- Follow manufacturer guidelines for installation and maintenance to ensure the best performance and appearance of your Ipé decking.

Maintenance

- Ipé is a low-maintenance hardwood, but regular cleaning and oiling can help keep it looking its best for years to come.
- DeckWise offers a range of products specifically designed for use with Ipé decking, including cleaners, brighteners, and oils. Messmers is another reputable brand of Ipé maintenance products.
- Before applying any products, thoroughly clean the deck with a deck cleaner to remove dirt, grime, and stains. Rinse with water and let dry completely.



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Maintenance

- Apply a brightener to restore the natural color of the wood and neutralize any remaining cleaner. Rinse with water and let dry.
- Apply one coat of Ipé oil to protect the wood from UV damage, moisture, and mildew. DeckWise and Messmers offer various oil and top-coat colors to choose from.
- Reapply the oil every 12-18 months or as needed, depending on the level of exposure to sun and rain.

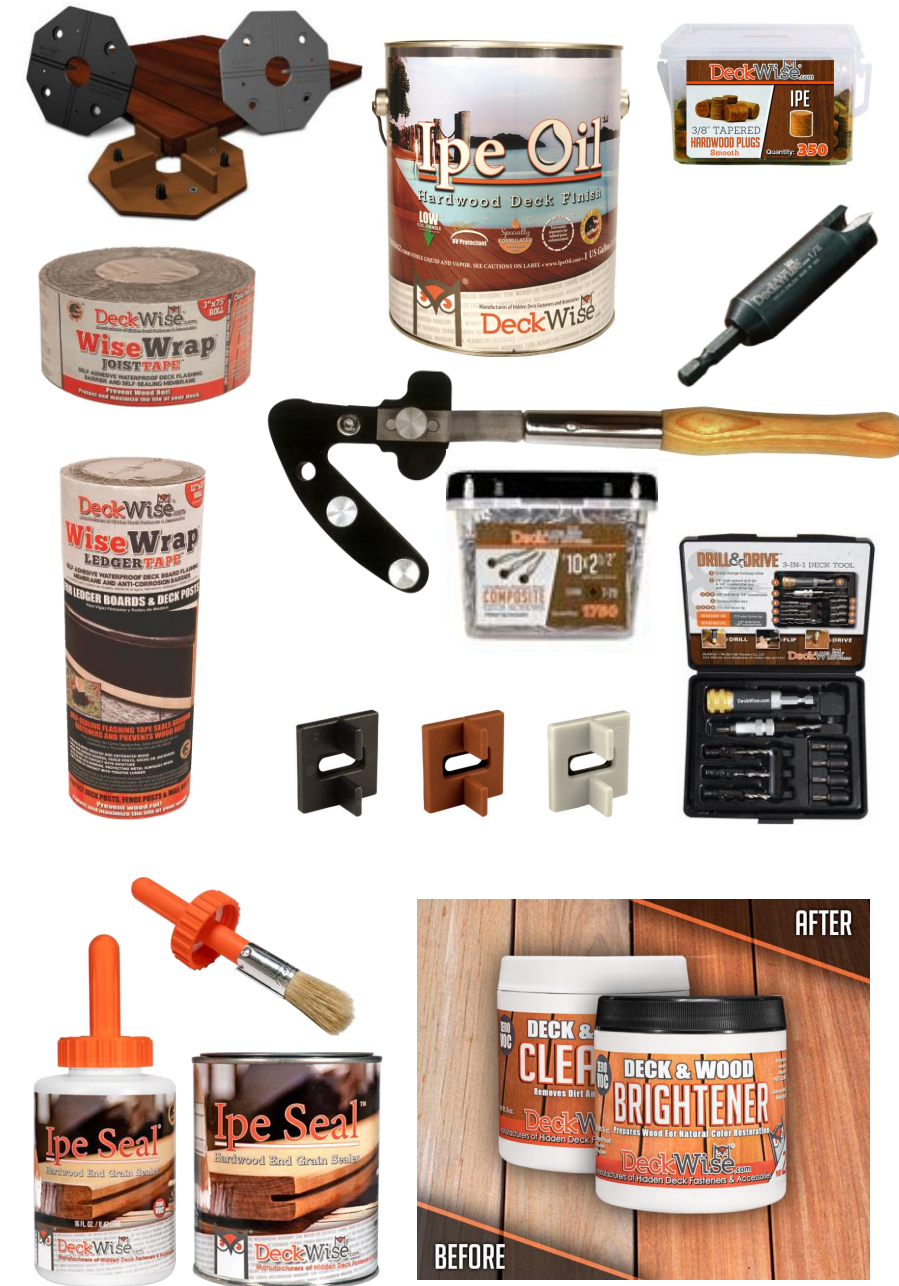


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Deckwise Accessories

- DeckWise offers a range of products specifically designed for use with Ipé decking, including fasteners, tools, and finishing products.
- They provide hidden deck fasteners for Ipé decking, such as the Ipe Clip ExtremeKD, designed to offer a secure and concealed fastening solution.
- DeckWise also offers deck oil and cleaner products for Ipé decking to help protect it from the elements and keep it looking its best.

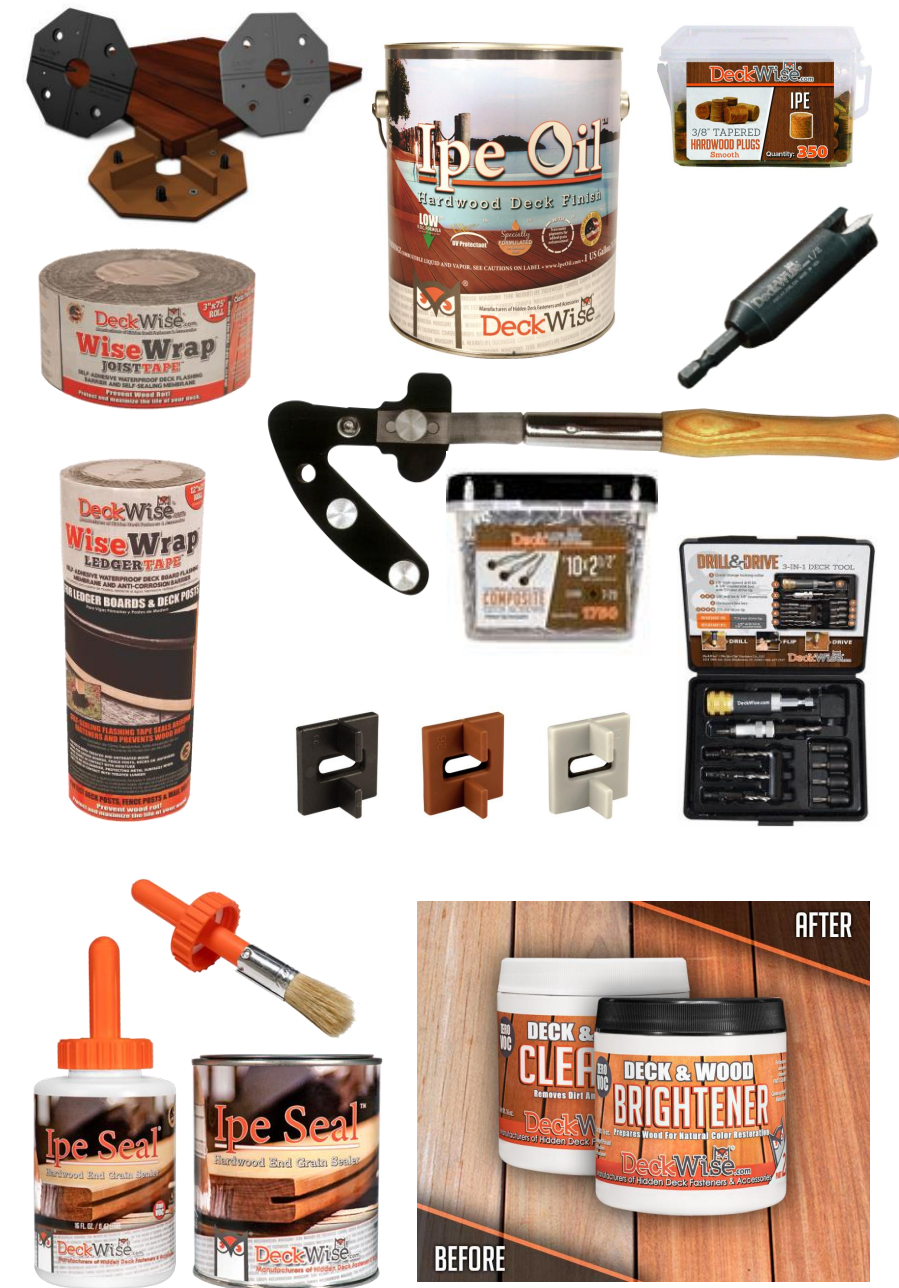
** NOT COMPATIBLE WITH STARBORN ACCESSORIES



Deckwise Accessories

- Their WiseWrap JoistTape is a self-adhesive tape that protects deck joists from moisture, which can cause rot and decay over time.
- DeckWise's plug cutter creates custom plugs from Ipé decking material to cover screw heads or other blemishes, creating a seamless and professional look.
- The Hardwood Wrench is a tool designed to help install and straighten deck boards and can be used with Ipé decking and other hardwood decking materials.

**** NOT COMPATIBLE WITH STARBORN ACCESSORIES**



DeckWise Drill & Drive Kit

Part code - 958021014 (In Stock)

Note: Deckwise plugs are $\frac{3}{8}$ " and the Deckwise Drive & Drill kit is what supports the correct pre-drilled hole for the $\frac{3}{8}$ " plug.



DRILL



FLIP



DRIVE

EVERY **DRILL&DRIVE™** KIT INCLUDES:

- 1 Quick Change Locking Collar
- 2 1/8" High-speed Drill Bit & 3/8" Countersink Tool with T15 Star Drive Tip
- 3 4 5 1/8" Drill Bit & 3/8" Countersink
- 6 On-board Hex Key
- 7 8 9 10 T15 Star Drive Tip



Screw gun tip
Adjustable pilot hole and counter-sink drill bit system



Locking set screws



On-board hex key

*Replacement tips

T15 Star Drive Tip

*Replacement bits

1/8" (3,175 mm) Drill Bit
& 3/8" (9,525 mm) Countersink

*Sold separately

DeckWise Plugs



Ipe Plugs

350 box (plugs only)

3/8" diameter

Purpose : when application calls for securing deck fascia boards
topically ,plugs are used to hide the screw on top of fascia once it has
been countersunk to fit the plug.

Code : 958021010

1050 box (plugs only)

3/8" diameter

Purpose : when application calls for securing deck fascia boards
topically ,plugs are used to hide the screw on top of fascia once it has
been countersunk to fit the plug.

Code: 958021011

1750 box (plugs only)

3/8" diameter

Purpose : when application calls for securing deck fascia boards
topically ,plugs are used to hide the screw on top of fascia once it has
been countersunk to fit the plug.

**** NOT COMPATIBLE WITH STARBORN ACCESSORIES**

DeckWise Screws



Trim head			(Color Options)			
Diameter rating	Head Type	Size	Brown	Black	Stainless Steel	Qty/Box
# 8	Trim head wood	1-1/2"	Special order	958020015	958020014	350/box
# 8	Trim head wood	1-1/2"	Special order	Special order	958021018	1050/box
# 8	Trim Head wood	2"	958021016	958021017	958021015	350/box
# 8	Trim Head wood	2"	Special order	Special order	958020009	1050/box
# 8	Trim Head wood	2-1/2"	958020025	Special order	958021028	350/box
# 8	Trim Head wood	3-1/8"	Special order	958021023	958021019	350/box
# 10	Bugle Head	2-1/2"	Special order	Special order	958021027	350/box

NOTES: Trim head screws are used when fastening deck boards in conjunction with the IPE CLIP system and or if drilling through fascia and finishing with a plug .

DeckWise

Face Screw/Plug Method:

- Requires visible screws and plugs to be installed on the surface of the deck boards
- Plugs are made from the same wood as the deck boards to blend in and provide a seamless look
- Plugs must be glued in place and sanded flush for a smooth finish
- Can be time-consuming and labor-intensive, but provides a traditional and classic look



DeckWise

Finish Screw Method:

- Uses hidden screws to secure the deck boards to the joists
- No visible screws or plugs on the surface of the deck
- Screws can be color-matched to the deck boards for seamless finish
- Provides a modern and clean look
- Requires special tools and fasteners designed for hidden fastening systems



Ipe Clips

Deckwise Product



Air-Dried Lumber



Kiln-Dried or Air-Dried Lumber



Kiln-Dried Lumber (Composite PVC)

Extreme

Code : 958021003,4,5,6,7

- Gap Spacing 3/32" (2.38mm)
- For use with air dried hardwood, Composite or PVC decking
- Allows for expansion of width
- Colors available Black , Brown, Grey

Extreme S (Extreme 4) 958021008/1009

- Gap Spacing 5/32" (4MM)
- For use with air/kiln dried hardwood , composite, or PVC decking.
- Allows for expansion of width
- Colors available Black, Brown, Grey.

Extreme kd 958020000

- Gap spacing 1/4" (5mm)
- for use with kiln dried hardwood decking
- **allows for expansion of width**
- **colors available Black,Brown, Grey**

Sell price fob Campbellville

- \$ 115/box
- Includes 175 clips,190 black trimhead s.s screws , 12 plugs(3/8") ,3 deck spacers,1 drill bit 1/8" , 1 screwdriver bit T-15 bit.
- Add respective burden where applicable.

Special order

- Although we do keep in stock allow 1-2 weeks for non stock



DeckWise Ipé Oil

CODE : 958021025

PURPOSE : TO BE APPLIED TO
DECK FACIA AS A BREATHABLE
PROTECTIVE SEALANT TO
BEAUTIFY AND PROTECT
AGAINST THE ELEMENTS

COVERAGE PER GALLON : 250-
300 SQFT



Messmer's

Messmer's offers a range of stain and sealer products designed specifically for use with Ipé decking, including:

- UV Plus for Hardwood Decks:
An oil finish that protects against fading and graying.
- Wood & Deck Cleaner:
Removes dirt, mildew, and algae stains.
- Wood & Deck Brightener:
Restores the natural color and beauty of the wood.

MESSMER'S U.V PLUS DECK STAIN

CODE : 958021020



PURPOSE : TO BE APPLIED TO
DECK FACIA AS ABRAETHABLE
PROTECTIVE SEALANT TO
BEAUTIFY AND PROTECT AGAINST
THE ELEMENTS

COVERAGE PER GALLON : 250-300
SQFT

DeckWise Cleaner and Brightner



HARDWOOD

CLEANER AND BRIGHTNER

Codes : Cleaner 958021021

Brightener 958021022

PURPOSE:

To clean and brighten hardwood decking .

Cleaner and Brighter are to be used as a Part 1 & 2 process

These concentrated powders are formulated specially to cleanse and brighten exterior wood decks, fences, siding etc..

Approx. coverage per 16 oz jar is 600Sqft

Instructions/first aid is located on the Jar .

STARBORN ACCESSORIES

Starborn offers a range of decking products and accessories designed for use with Ipé decking, including:

- The Pro Plug System is a concealed fastening system designed for use with Ipé decking that includes both screws and plugs.
- The system provides a clean and seamless look for the deck surface.
- The Smart-Bit Pre-drilling and Countersinking Tool makes it easy to pre-drill and countersink the holes for the screws, ensuring they are installed at the proper depth and provide a secure hold.

**** NOT COMPATIBLE WITH DECKWISE ACCESSORIES**



IPE PLUGS

Starborn Products



100 box (plugs only)

- Code: **958020008**
- 5/16" Diameter
- Purpose: when application calls for securing deck fascia boards topically, plugs are used to hide the screw on top of the fascia once it has been countersunk to fit the plug.
- Color options : Stainless Steel Only

100 Pro plug system

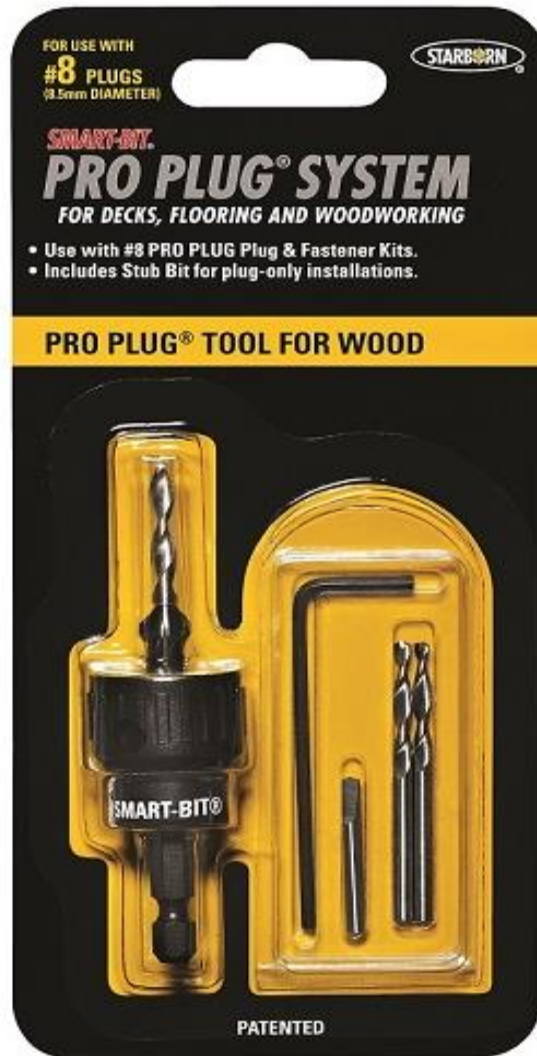
- Code: **958020007**
- 5/16" Diameter
- Contents : 100 5/16" ipe Plugs and 100 #8 2-1/2" SS screws
- Purpose: when application calls for securing deck fascia boards topically, plugs are used to hide the screw on top of the fascia once it has been countersunk to fit the plug
- Color option : Stainless steel only

350 pro plug system

- Code: 958020006
- 5/16" Diameter
- Contents: 350 5/16" ipe plugs and 350 #8 2-1/2" SS screws
- Purpose: when application calls for securing deck fascia boards topically, plugs are used to hide the screw on top of the fascia once it has been countersunk to fit the plug
- Color option : stainless steel only

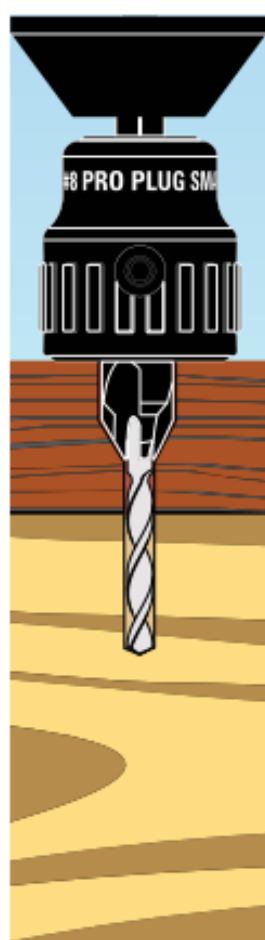
1050 Pro Plug System

- Code: 958020005
- 5/16" Diameter
- Contents : 1050 5/16" Ipe Plugs and 1050 #8 Stainless Steel Screws
- Purpose: when application calls for securing deck fascia boards topically, plugs are used to hide the screw on top of the fascia once it has been countersunk to fit the plug



Pro Plug Tool

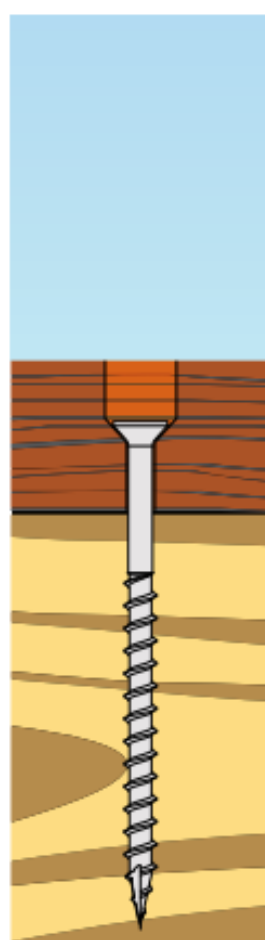
- Code : 958020004
- Drill bit with countersink attachment
- Purpose : to pre drill 1/8" diameter holes and a 5/16" countersink
- Contents: 1/pack



1. DRILL

PRO PLUG TOOL:

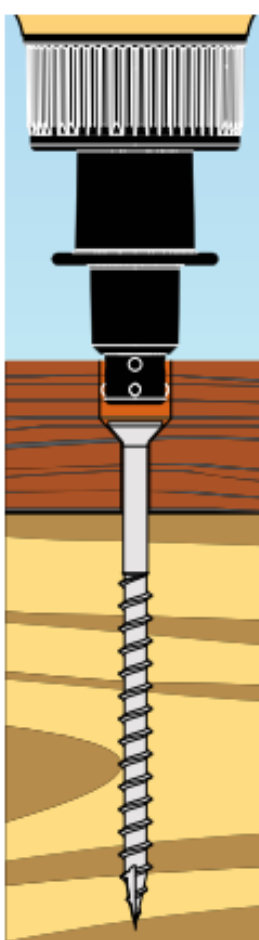
The patented Pro Plug Tool creates a screw hole, countersink and counterbore to match other system components. For use with decking materials between 3/4" and 1-1/4" thick.



2. SCREW

PRO PLUG FASTENER:

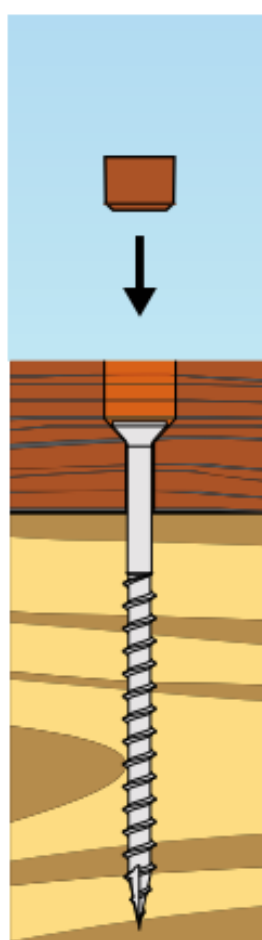
Decking Kits come with Grade 305 stainless steel deck screws. The fasteners are 2-1/2" long and have a star drive recess.



3. GLUE

PRO PLUG GLUE NOZZLE:

The patented Nozzle coats the sides of the hole, where glue is needed, and attaches to any interior or exterior 4 or 8 oz. bottle of Titebond® wood glue and any 4, 8 or 16 oz. bottle of Elmer's® wood glue.



4. PLUG

PRO PLUG PLUGS:

Face grain wood plugs (approx. 5/16" diameter) are available in many species - see below. Plugs are inserted completely, with no need for sawing or chiseling. Light sanding is recommended.



**SCREW DOWN
STRENGTH.
PERFECT FINISH.**

Drill, Screw, Glue & Plug in under 20 seconds. The Pro Plug System is designed to save time and money while achieving a high-end and durable finish.



COMPONENT PACKS

PRO PLUG DECKING AND FLOORING

KITS: Plugs, screws, and the Glue Nozzle, available in **100 pc.** (100 sq. ft.) and **1050 pc.** (300 sq. ft.) packs with equal numbers of plugs and screws. Decking kits contain 2-1/2" stainless screws. Flooring kits contain 1-5/8" zinc plated screws.

PRO PLUG TOOL: Countersinking and counterboring tool with three standard bits and a stub bit for plug-only installations.

PRO PLUG TOOL REPLACEMENT BITS: Five standard bits for the Pro Plug Tool.



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