

A photograph of a modern rooftop deck at sunset. The deck is made of dark grey composite decking. In the foreground, a white wicker chair with wooden legs sits on the deck. To the right of the chair is a small, square, metallic side table with a potted plant on top. In the background, there is a swimming pool with a concrete edge, and a modern building with large windows and balconies. The sky is a mix of orange, yellow, and blue, indicating sunset. The overall scene is a high-end, contemporary outdoor living space.

Starborn Industries Guide to Deck Fastening



Starborn Industries, Inc.

Email: info@starbornindustries.com

Web: starbornindustries.com

Tel: (800) 596-7747

Fax: (732) 381-9830

45 Mayfield Avenue, Edison, NJ
08837 USA

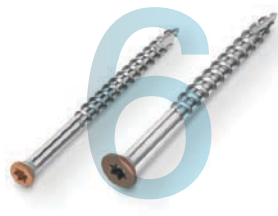
Images on cover and
page 8 courtesy of Trex®
Company, Inc. Image
on page 18 courtesy of
Decks by Kiefer, LLC.



Deckfast® Epoxy
Color Matched Screws for
Pressure Treated Lumber



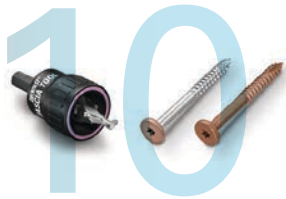
Deckfast® Stainless
Stainless Steel Screws for
Hardwood, Cedar, Redwood
and Pressure Treated Decking



Headcote®
Stainless Steel Screw Screws
with Color Coated Heads for
Hardwood, Cedar, Redwood
and Pressure Treated Decking



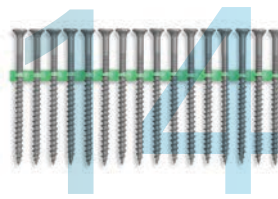
Cap-Tor® xd
Color Matched Screws for
PVC and Composite Decking



Deckfast® Fascia System
Fastening System for PVC
and Composite Deck Fascia
Boards



Deckfast® Metal
Color Matched Screws for
Fastening PVC, Composite
and Hardwood Decking to
Trex Elevations® and other
Metal Framing Systems



Collated Screw Systems
Collated Strips and Coils
for use with Muro® Auto
Feed Driving Tools



Pro Plug® System for PVC
Integrated Plug Fastening
System for PVC Decking and
PVC Trim



Pro Plug® System for Wood
Integrated Plug Fastening
System for Hardwood Decking



**Smart-Bit® Pre-drilling
and Countersinking Tool**
For use with Headcote and
Deckfast Stainless Screws



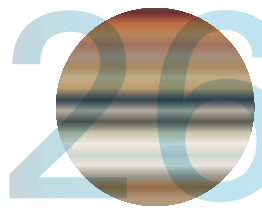
**Smart-Bit® Deck Screw
Depth Setter**
Driving Tool for Setting
Screws to the Perfect Depth



Tough Pack Driver Bits
Shock Resistant Driver Bit
Cases for Professional
Contractors



Display Program
Customized Racks and
Displays for Retailers



Deck Matcher
Color Matches for Popular
PVC and Composite Decking
Products



Trim Head with Nibs
For better countersinking.

Trim Head

Flat Head

Reinforced Flat Head with Nibs
For greater strength and better countersinking.

Star Drive
Favored by professionals; extra deep recess reduces cam-out.

Type 17 Auger Tip

For faster, easier entry; helps prevent splitting.

Epoxy Coated Carbon Steel

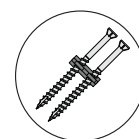
Epoxy-based polymer resin coating over zinc plate for excellent corrosion resistance. Available in gray, green, red, tan and white.

Sizes

Available in lengths from 1 1/4" to 6".



Depth Setter
compatible



Collated
available

DECKFAST® Epoxy

Color Matched Screws for Pressure Treated Lumber and PVC Trim

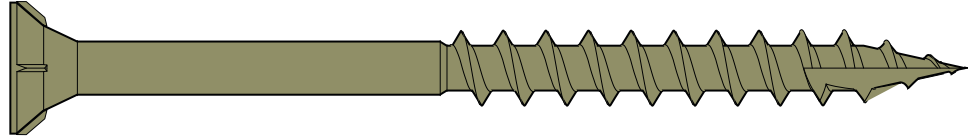
Deckfast® Epoxy screws for pressure treated lumber provide unmatched performance, convenience and value. These high quality screws feature extra deep star drive recesses, trim or reinforced flat heads, type 17 auger tips, and a specially-formulated color matched epoxy-based polymer resin coating. The epoxy coating provides excellent corrosion resistance and is designed for high adhesion.

Deckfast Epoxy *flat* head screws are designed for use with pressure treated decking. They are available in gray, green, red or tan to match all types of treated lumber. Deckfast Epoxy *trim* head screws are for use in pressure treated trim and finish applications. They are available in gray, red, or tan for treated lumber, and white for PVC trim. Deckfast Epoxy Screws are also available collated for use with the Muro® Ultra Driver tool.

Approved for use with ACQ treated lumber. For applications exposed to salt air, near large bodies of water, swimming pools or other areas where corrosion is more likely to occur, use Marine Grade 316 Deckfast® Stainless or Marine Grade 316 Headcote® fasteners.



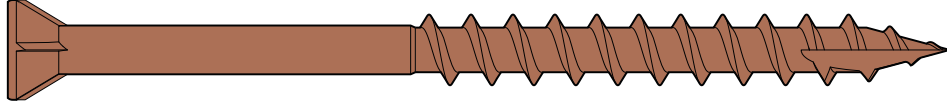
Sizes



Deckfast Epoxy Flat Head

T-20 star drive: 7 x 1¼" • 7 x 1½" • 8 x 2" | **T-25 star drive:** 9 x 2½" • 9 x 3" • 10 x 3½" • 10 x 4" • 10 x 5" • 10 x 6"

Available in: Gray • Green • Red • Tan



Deckfast Epoxy Trim Head

T-20 star drive: 9 x 1½" • 9 x 2" • 9 x 2½" • 9 x 3" • 9 x 3½" • 9 x 4"

Available in: Gray • Red • Tan • White (2" and 2½")

Packs



30 - 100 pc.
Blister



250 / 500 pc.
Tub



500 - 8000 pc.
Bulk Pail



One Pound
Box



Five Pound
Box



Nine Pound
Pail



1500 pc.
Collated for Muro® Ultra
Driver (2½" and 3")

Professionals Choose Deckfast Epoxy

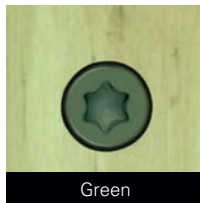
"We've been selling Deckfast Epoxy screws for over fifteen years in all of our locations. Our customers are discerning professional contractors who pride themselves on quality work. They appreciate the usability and performance of Deckfast, and consistently choose these screws for all types of decking and outdoor applications."

Joe Sorrentino, Riverhead Building Supply

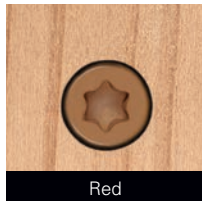
Color samples



Gray



Green



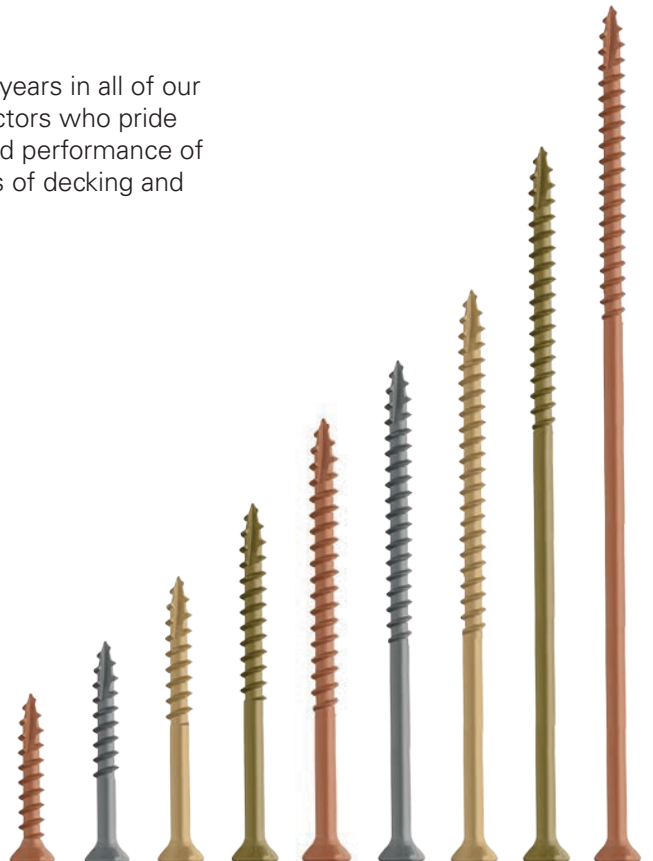
Red

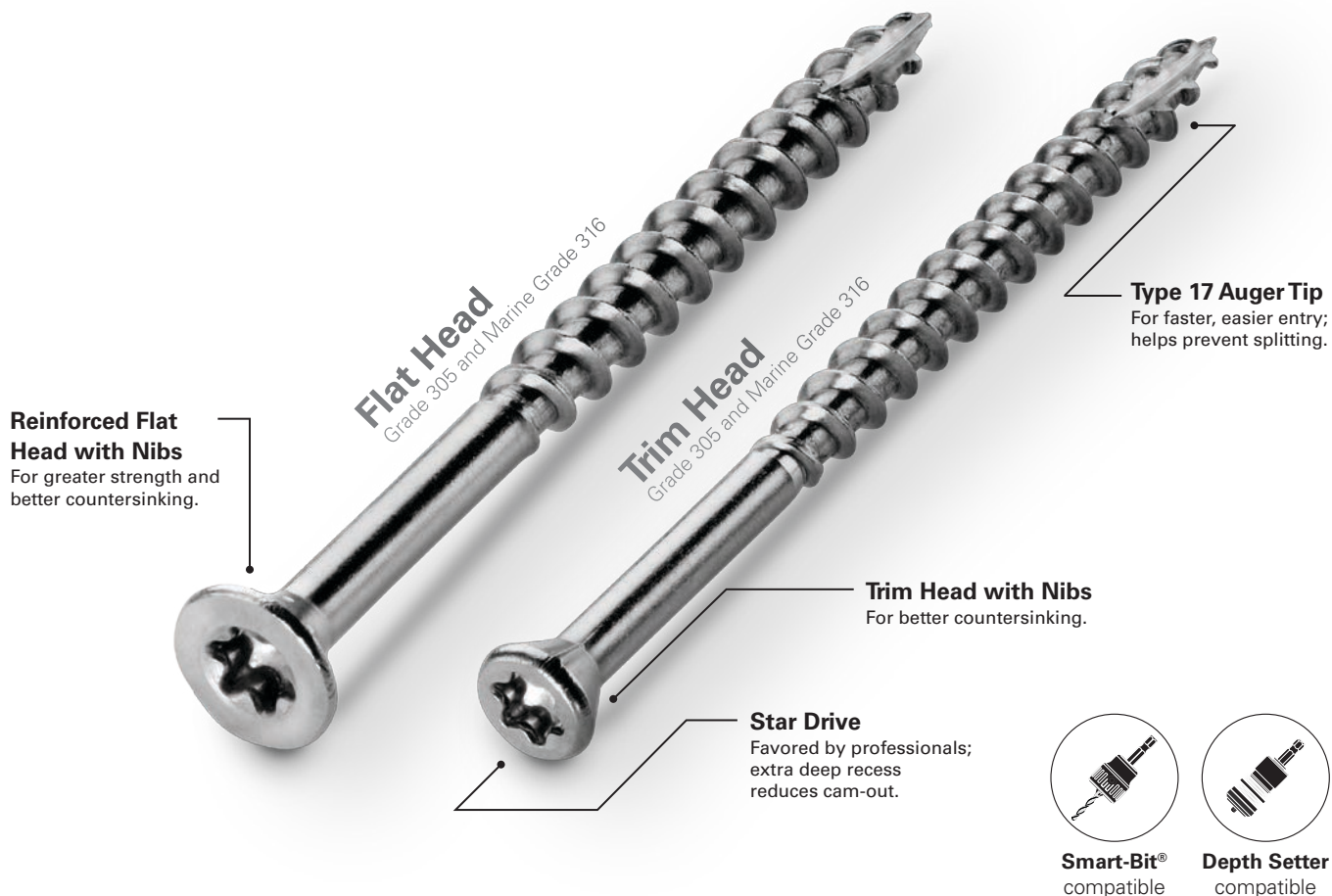


Tan



White (trim only)





DECKFAST® Stainless 305 and 316

Stainless Steel Screws for Hardwood, Cedar, Redwood and Pressure Treated Decking

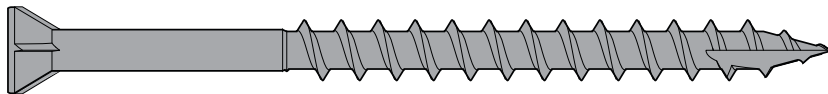
Deckfast® Stainless 305 and 316 screws for hardwood, cedar, redwood and pressure treated decking are extremely versatile, premium quality deck screws. They feature extra deep star drive recesses, type 17 auger tips, and trim or reinforced flat heads. Deckfast Stainless screws are available in both Grade 305 and Marine Grade 316 stainless steel for superior corrosion resistance.

Deckfast Stainless screws match the profiles of **Smart-Bit®** Pre-drilling and Countersinking Tools. For materials that require pre-drilling, especially hardwoods, this product combination makes it easy to achieve a clean and professional finish.

Approved for use with ACQ treated lumber. For applications exposed to salt air, near large bodies of water, swimming pools or other areas where corrosion is more likely to occur, use Marine Grade 316 Deckfast Stainless or Marine Grade 316 Headcote®.

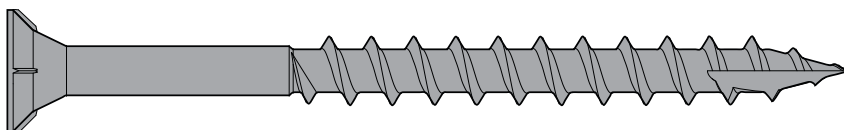
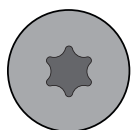


Sizes



Deckfast Stainless Trim Head (Grade 305 and Marine Grade 316)

T-15 star drive: 7 x 1 $\frac{5}{8}$ " • 7 x 2 $\frac{1}{4}$ " | **T-20 star drive:** 8 x 2 $\frac{1}{2}$ " • 8 x 3"



Deckfast Stainless Flat Head (Grade 305 and Marine Grade 316)

T-20 star drive: 6 x 1 $\frac{1}{4}$ " • 8 x 1 $\frac{5}{8}$ " • 8 x 2" | **T-25 star drive:** 10 x 2 $\frac{1}{2}$ " • 10 x 3" • 10 x 3 $\frac{1}{2}$ "

Packs



50 - 100 pc.
Blister



250 / 500 pc.
Tub



1000 - 5000 pc.
Bulk Pail



One Pound
Box

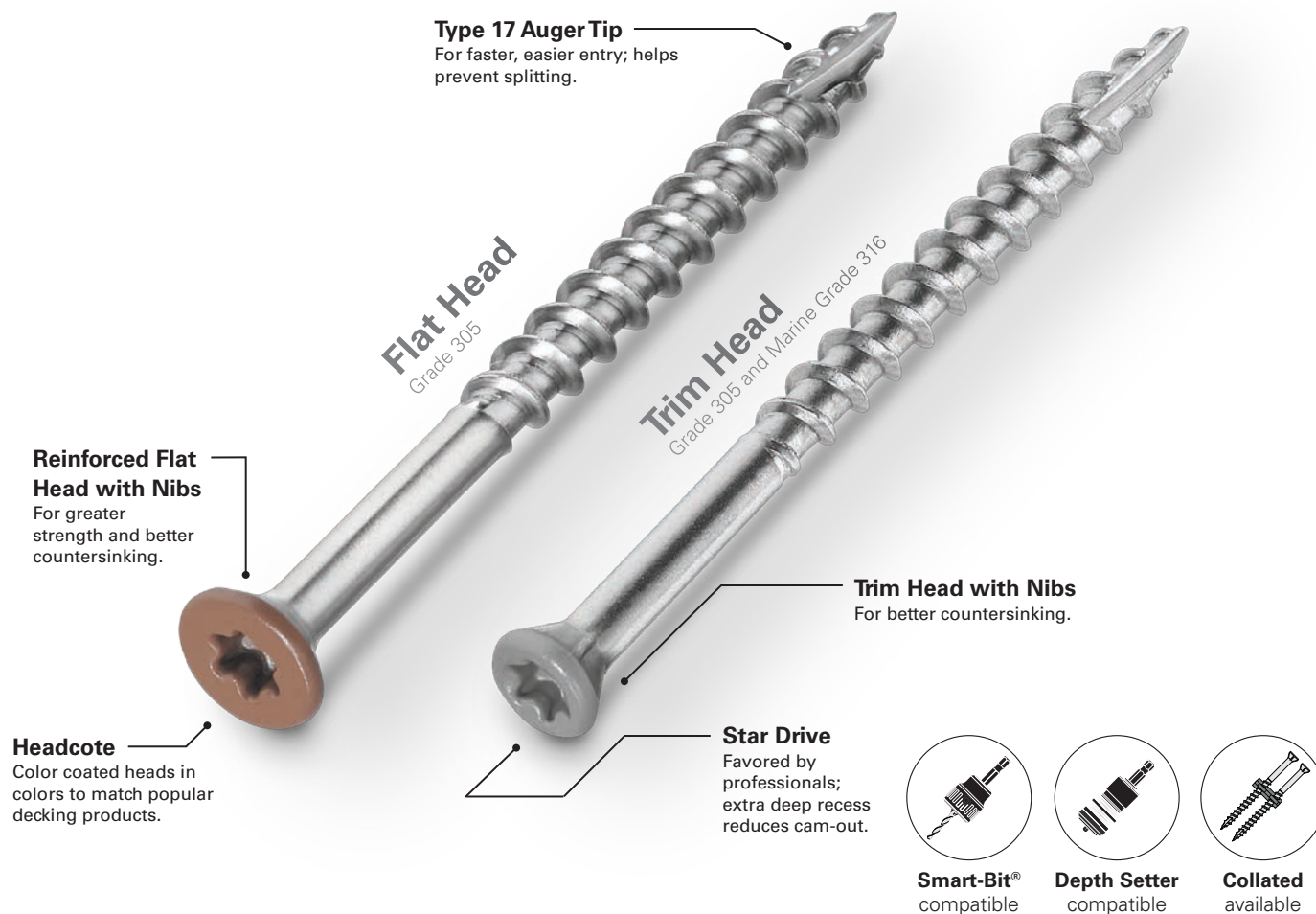


Five Pound
Box



Nine Pound
Pail





HEADCOTE® 305 and 316

Stainless Steel Screws with Color Coated Heads for Hardwood, Cedar, Redwood and Pressure Treated Decking

Headcote® 305 and 316 screws are designed to blend with all types of wood decking, including cedar, ipe, mahogany, and meranti. These premium quality deck screws feature extra deep star drive recesses, type 17 auger tips, and trim or reinforced flat heads. Headcote screws are available in both Grade 305 and Marine Grade 316 stainless steel for superior corrosion resistance. They are also available collated for use with the Muro® Ultra Driver tool.

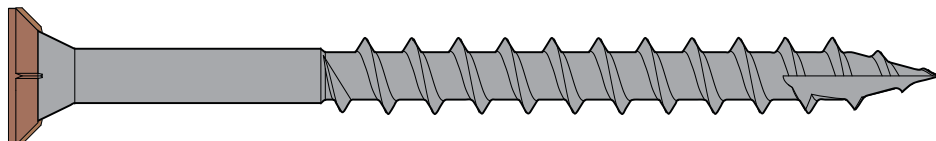
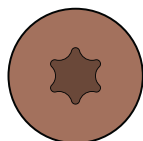
Headcote 305 and 316 screws match the profiles of **Smart-Bit®** Pre-drilling and Countersinking Tools. For materials that require pre-drilling, especially hardwoods, this product combination makes it easy to achieve a clean and professional finish.

Approved for use with ACQ treated lumber. For applications exposed to salt air, near large bodies of water, swimming pools or other areas where corrosion is more likely to occur, use Marine Grade 316 Headcote or Marine Grade 316 Deckfast® Stainless.



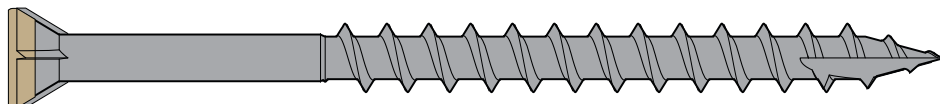
Headcote® Brown (#34) screws are a perfect match for ipe and other hardwoods. Headcote screws are also designed to work with Smart-Bit® Pre-drilling and Countersinking Tools, for a perfect finish.

Sizes



Headcote Stainless Flat Head (Grade 305)

T-20 star drive: 6 x 1 1/4" • 8 x 1 5/8" • 8 x 2" | **T-25 star drive:** 10 x 2 1/2" • 10 x 3"



Headcote Stainless Trim Head (Grade 305 and Marine Grade 316)

T-15 star drive: 7 x 1 5/8" • 7 x 2 1/4" | **T-20 star drive:** 8 x 2 1/2" • 8 x 3"

Packs



100 pc.
Accessory
Pack



350 pc.
(100 sq ft)
Deck Pack



1050 pc.
(300 sq ft)
Contractor Pack



1750 pc.
(500 sq ft)
Pro Pack



One Pound
Box

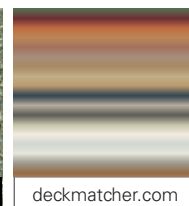
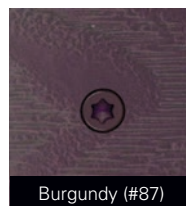
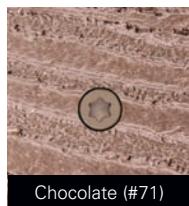
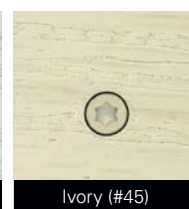
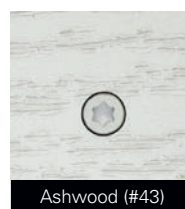
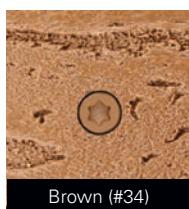


Five Pound
Box

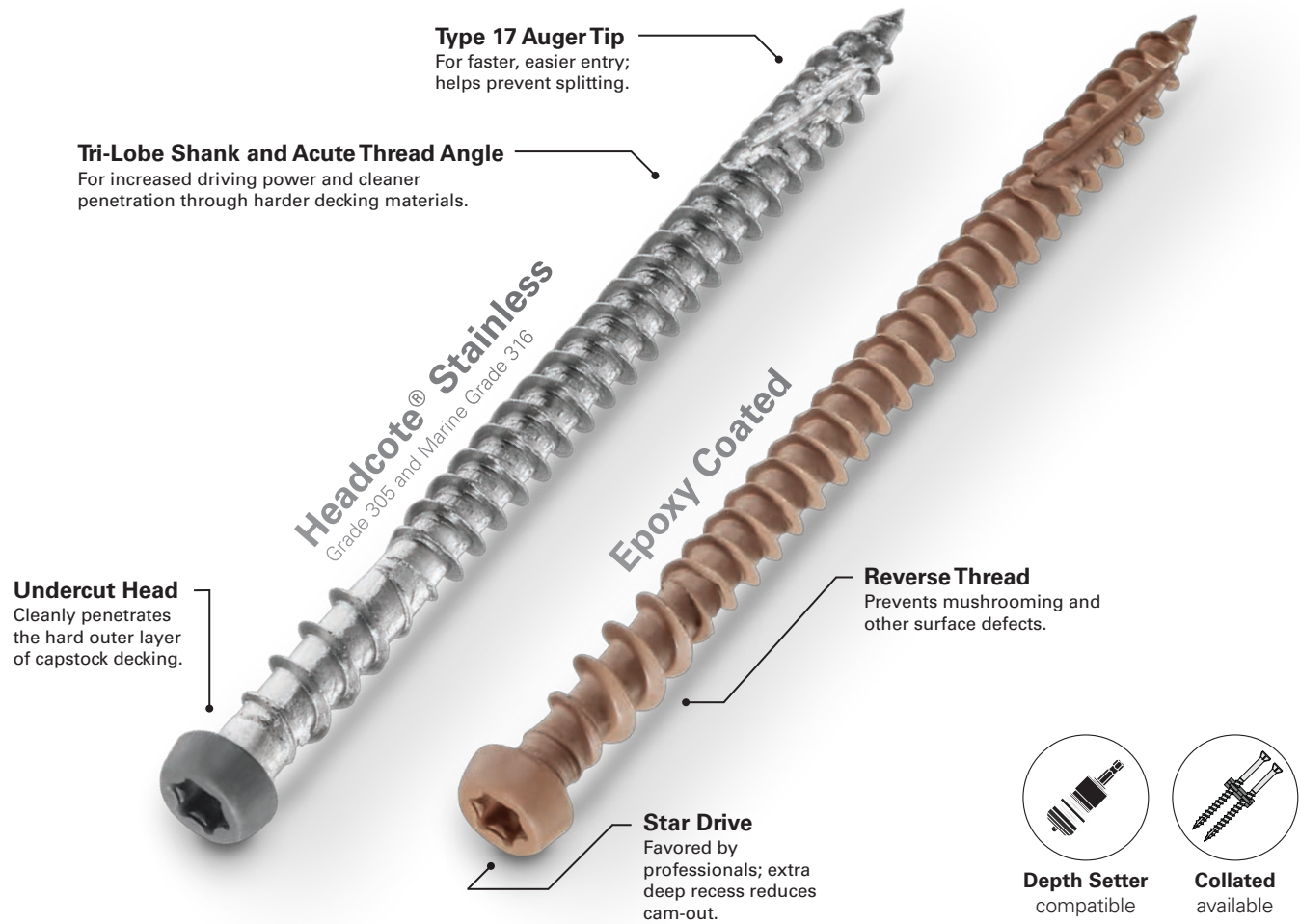


900 pc./1500 pc.
Collated for Muro®
Driver Tools

Color samples



Additional colors available. For color matches with popular decking products, see the Deck Matcher in print (back cover) or online



DECKFAST® Cap-Tor® xd

Color Matched Screws For PVC and Composite Decking

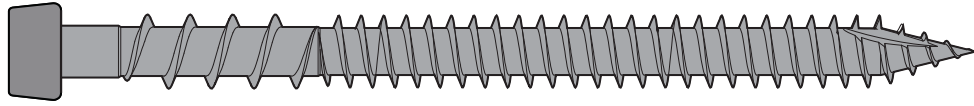
Cap-Tor® xd screws are specifically designed to fasten PVC and composite capstock decking with a clean, smooth and uniform finish. They also work equally well in traditional composites. Cap-Tor xd screws are available in 20 different colors to match all of the leading PVC and composite deck boards on the market.

Cap-Tor xd screws feature extra deep star drive recesses, undercut heads, reverse threads, tri-lobular shanks and type 17 auger tips. They are available in epoxy coated carbon steel and Headcote® stainless steel (both Grade 305 and Marine Grade 316). They are also available collated for use with the Muro® Ultra Driver tool.

Approved for use with ACQ treated lumber. Follow the decking manufacturer's recommendation when selecting either stainless or epoxy coated screws. For applications exposed to salt air, near large bodies of water, swimming pools or other areas where corrosion is more likely to occur, use Marine Grade 316 Cap-Tor® xd Headcote® Stainless.

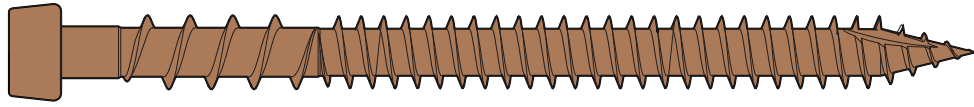


Sizes



Cap-Tor xd Headcote Stainless (Grade 305 and Marine Grade 316)

T-20 star drive: 10 x 2½" • 10 x 2¾" | 10 x 2" (Grade 305, uncoated only)



Cap-Tor xd Epoxy Coated Carbon Steel

T-20 star drive: 10 x 2" • 10 x 2¾"

Packs



100 pc.
Accessory
Pack



350 pc.
(100 sq ft)
Deck Pack



1050 pc.
(300 sq ft)
Contractor Pack



1750 pc.
(500 sq ft)
Pro Pack



1500 pc.
Collated for Muro®
Ultra Driver

Color samples



Tan Gray (#31)



Brown (#34)



Gray (#37)



White (#39)



Ashwood (#43)



Ivory (#45)



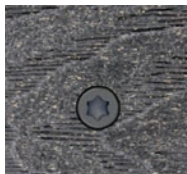
Olive Gray (#51)



Dark Gray (#53)



Warm Gray (#54)



Dark Slate (#55)



Buckskin (#63)



Sand (#64)



Rosy Brown (#65)



Chocolate (#71)



Java (#73)



Cedar (#81)



Mahogany (#82)



Burgundy (#87)



Forest Green (#94)

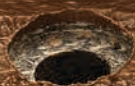


Uncoated (#01)



deckmatcher.com

Additional colors available. For color matches with popular decking products, see the Deck Matcher in print (back cover) or online



Patented

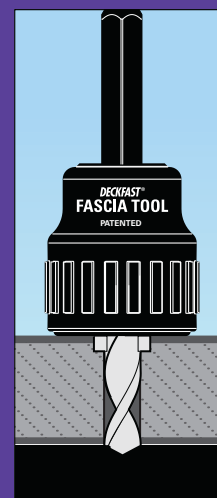
DECKFAST® Fascia System

Fastening System for PVC and Composite Deck Fascia Boards

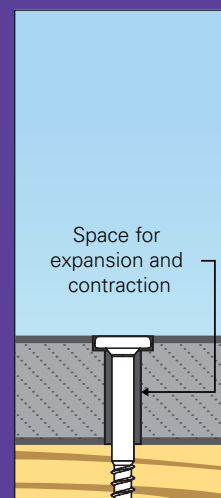
Deckfast® Fascia System is the ultimate fastening solution for PVC and composite deck fascia boards. It is recommended by Trex®, Duralife® and other leading manufacturers. The Fascia System is specifically designed to handle the large amount of expansion and contraction that can occur with many fascia boards, keeping them securely in place. The system consists of two precisely engineered components: (1) the pre-drilling and countersinking Fascia Tool, based on patented Smart-Bit® technology, and (2) specially-designed color matched Fascia Screws.

The Fascia Tool creates an over-sized hole for the Fascia Screw so that the board can expand and contract freely without applying significant force to the shank of the screw. Fascia Screws are available in both Headcote® stainless steel and epoxy coated carbon steel, in colors to match popular decking products. The Fascia System is designed for use with ½" to ¾" fascia profiles.

Approved for use with ACO treated lumber. Follow the decking manufacturer's recommendation when selecting either stainless or epoxy coated screws. For applications exposed to salt air, near large bodies of water, swimming pools or other areas where corrosion is more likely to occur, use Marine Grade 316 Headcote® or Marine Grade 316 Headcote® Cap-Tor® xd.



1 Pre-drill with Fascia Tool



2 Drive Fascia Screw

Fascia Tool

Free Spinning Stop Collar with O-ring

The stop collar spins free of the drill bit, preventing marring or burnishing of the fascia board surface. When the stop collar stops spinning, the hole is complete.

Anti-clog Debris Cavity

The cavity gathers waste material, keeping it clear of the countersink.



Pre-set Countersink

The Fascia Tool matches the head diameter and countersink depth of the Fascia Screw, for the perfect hole and fit. Everything is pre-set in the tool assembly.

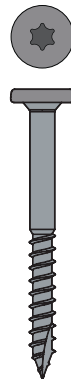
Pre-set Shaft Length

Together with the countersink, the overall hole depth is designed for use with fascia boards from 1/2" to 3/4" thick.

Fascia screws

Color Matched Stainless Steel and Epoxy Coated Steel

Fascia screws are available in a wide range of colors to match popular decking products. Stainless Fascia Screws are 9 x 1 7/8". Epoxy Coated Fascia Screws are 10 x 1 7/8".



T-20 Star Drive Recess

Favored by professionals.

Type 17 Auger Tip

For faster, easier entry; helps prevent splitting of treated lumber.

Packs



100 pc.
Fascia Screw
Pack



2500 pc.
Fascia Screw
Bulk Pail



Fascia Tool

Color samples



Tan Gray (#31)



Brown (#34)



Gray (#37)



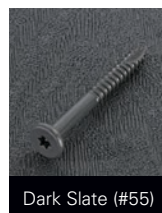
White (#39)



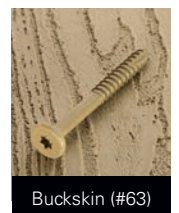
Dark Gray (#53)



Warm Gray (#54)



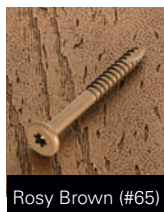
Dark Slate (#55)



Buckskin (#63)



Sand (#64)



Rosy Brown (#65)



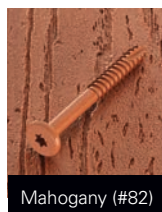
Chocolate (#71)



Java (#73)



Cedar (#81)



Mahogany (#82)

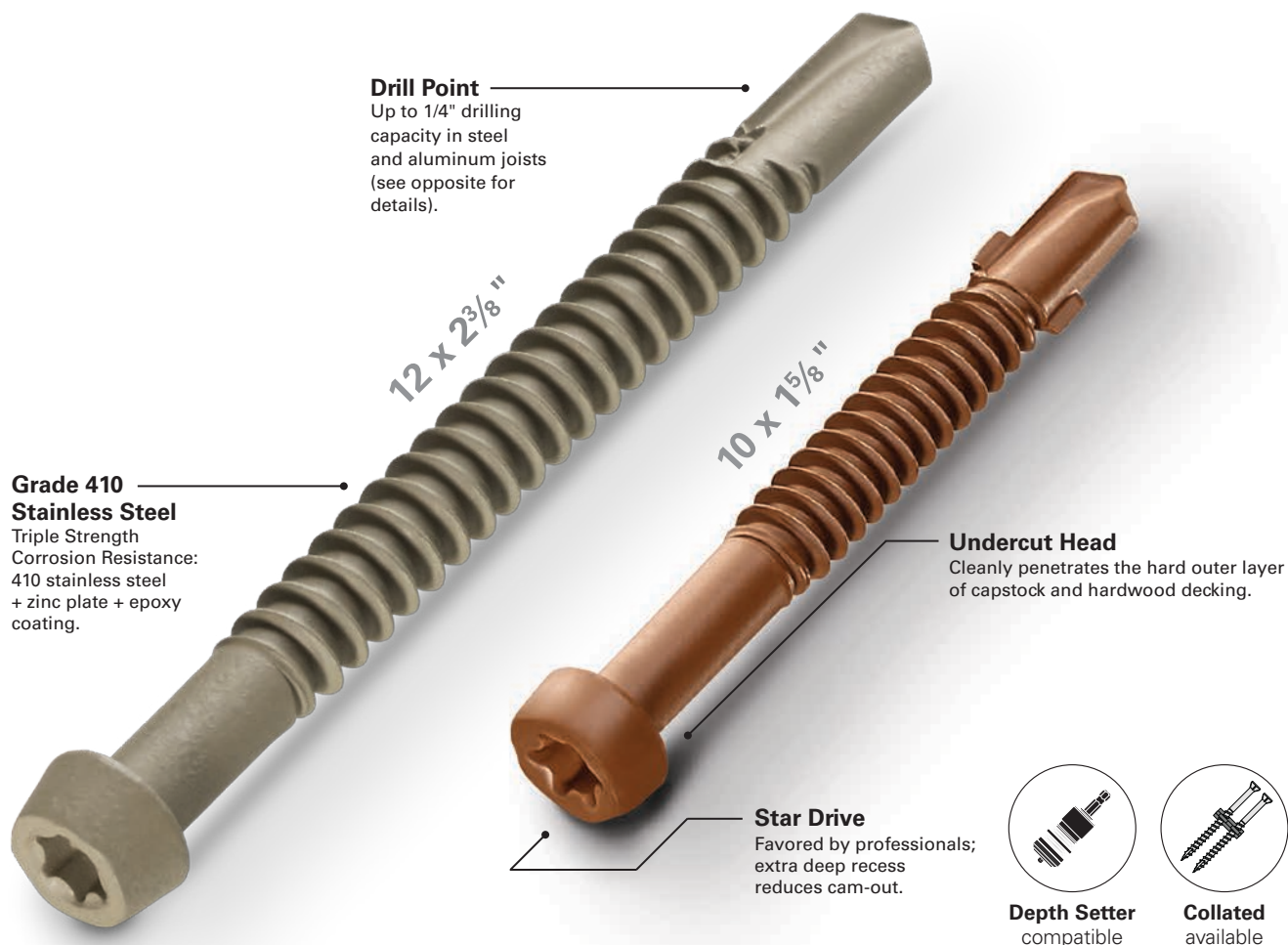


Burgundy (#87)



deckmatcher.com

For color matches with popular decking products, see the Deck Matcher in print (back cover) or online



DECKFAST® Metal

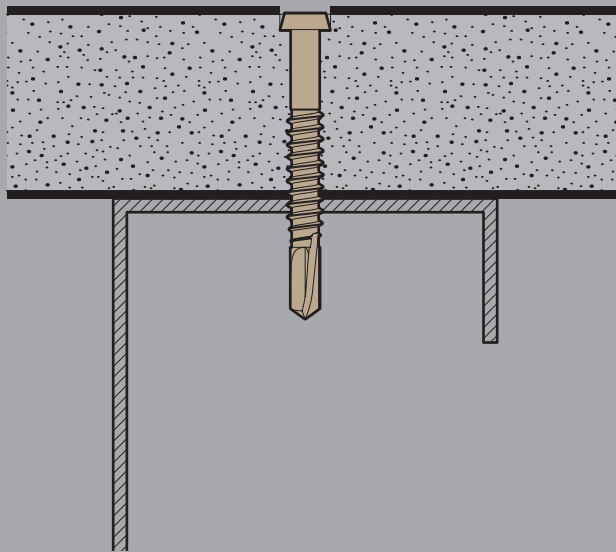
Color Matched Screws for Fastening PVC, Composite and Hardwood Decking to Trex Elevations® and other Metal Framing Systems

Deckfast® Metal screws are designed to attach PVC, composite and hardwood decking to steel and aluminum, including Trex Elevations® steel deck framing and Wahoo® Decks and Docks aluminum joist systems. Deckfast Metal is the first line of deck screws designed specifically for this application.

Deckfast Metal screws are made of Grade 410 stainless steel and feature extra deep star drive recesses, undercut heads, drill points, and an epoxy-based polymer resin coating over zinc plate. They are available in a wide range of colors to match popular decking products.

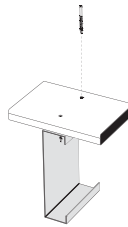
Deckfast Metal is available in two sizes: 10 x 1 5/8" for one-inch thick decking materials and 12 x 2 3/8" for two-inch thick decking materials.

For applications exposed to salt air, near large bodies of water, swimming pools or other areas where corrosion is more likely to occur, use Marine Grade 316 Cap-Tor® xd Headcote® Stainless fasteners with a wooden sleeper system.



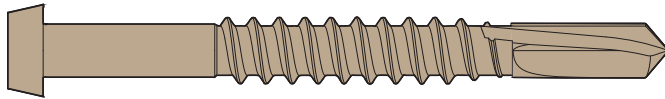
Note: Wings on 1 5/8" Deckfast Metal are designed to shear off during installation.

Sizes



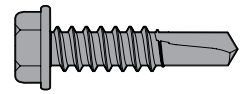
Deckfast Metal for One-Inch Decking (with wings)

T-20 star drive: 10 x 1½" | #3 Drill Point



Deckfast Metal for Two-Inch Decking (without wings)

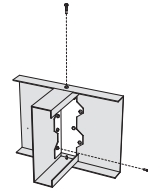
T-20 star drive: 12 x 2¾" | #4 Drill Point



Buildex® Tek Select™

For all Steel-to-Steel and Bracket Connections in Trex Elevations®

5/16" Hex Washer Head: 10-16 x ¾"



The 10 x 1½" version of Deckfast Metal is designed for decking materials with an actual thickness of ¾" to 1" attached to steel or aluminum up to 12 gauge or two 14 gauge joists doubled up. The 12 x 2¾" version of Deckfast Metal is designed for decking materials with an actual thickness of 1" to 1½" attached to steel or aluminum up to ¼" thick. Both versions are Trex® approved.

Approved for Trex Elevations® and Wahoo® Decks / Docks

Deckfast Metal screws are approved for use with Trex Elevations® steel deck framing and Wahoo® Decks DryJoist® and DryJoistEZ systems, as well as Wahoo Docks products.

Buildex® Tek Select™: Starborn distributes Tek Select 10-16 x ¾" fasteners approved for use as framing screws with Trex Elevations®. Tek Select fasteners are dual hardened and have a Climaseal ACR™ finish. They can be used for all Elevations steel-to-steel and bracket connections, as directed in the Elevations Installation Guide.

Trex Elevations® is a trademark of Trex Company, Inc. Tek Select™, Tek Select™ and Climaseal ACR™ are trademarks of ITW Buildex® and Illinois Tool Works, Inc. Tek Select is manufactured in the USA by ITW Buildex and packaged and distributed by Starborn Industries. Wahoo® and DryJoist® are registered trademarks of GDC Enterprises, Inc.

Deckfast Metal packs



100 pc.
Accessory
Pack



350 pc.
(100 sq ft)
Deck Pack



1750 pc.
(500 sq ft)
Pro Pack



3500 pc.
(1000 sq ft)
Mega Pack



100 pc.
Pack



500 pc.
Pack

Buildex® Tek Select™

Color samples



Brown (#34)



Gray (#37)



White (#39)



Dark Gray (#53)



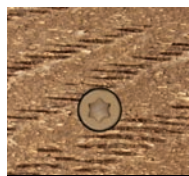
Warm Gray (#54)



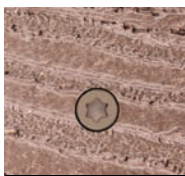
Dark Slate (#55)



Sand (#64)



Rosy Brown (#65)



Chocolate (#71)



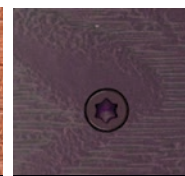
Java (#73)



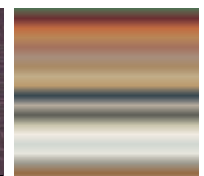
Cedar (#81)



Mahogany (#82)

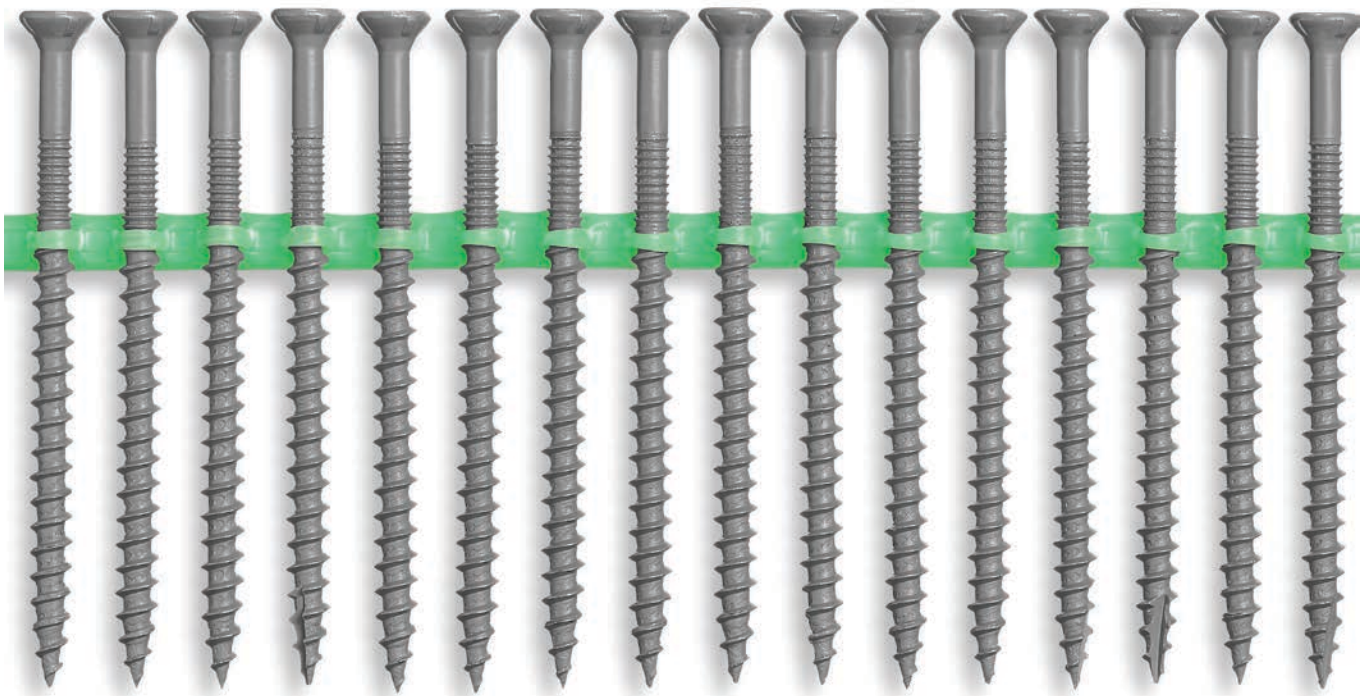


Burgundy (#87)



deckmatcher.com

For color matches with popular decking products, see the Deck Matcher in print (back cover) or online



Collated Screw Systems

Collated Strips and Coils for use with Muro® Auto Feed Driving Tools

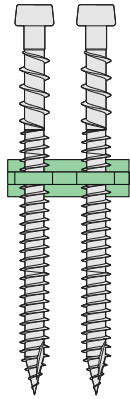
Starborn offers a full range of collated deck screws for use with the Muro® Ultra Driver tool: **Cap-Tor® xd** (Color Matched Screws for PVC and Composite Decking), **Deckfast® Epoxy** (Color Matched Screws for Pressure Treated Decking) and **Headcote® 305 and 316** (Stainless Steel Screws with Color Coated Heads for Hardwood, Cedar, Redwood and Pressure Treated Decking).

Muro makes the best tools on the market for decking applications. They are easy to use, reliable, accurate and completely guaranteed by Muro. Starborn has partnered with Muro to create a specially designed attachment for the Muro Ultra Driver so that it can be used with a greater range of Starborn deck fasteners. Starborn distributes Ultra Driver tools as well as a variety of collated screw packs.



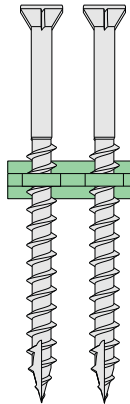
Collated fasteners

Cap-Tor® xd | 1500 pc. Strip Packs for Muro Ultra Driver



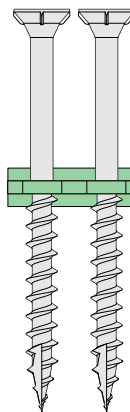
1500 pc.
50 strips with 30 fasteners each

Headcote® 305 and 316 | 1500 pc. Strip Packs for Muro Ultra Driver and 900 pc. Coil Packs for Muro Speed Driver



1500 pc. / 900 pc.
50 strips with 30 fasteners each (Ultra Driver)
6 coils with 150 fasteners each (Speed Driver)

Deckfast® Epoxy | 1500 pc. Strip Packs for Muro Ultra Driver



1500 pc.
50 strips with 30 fasteners each

Ultra Driver

The Muro® CH7390 Ultra Driver Tool with Custom Starborn Attachment



Telescopic Extension Handler
For stand-up operation; adjusts for comfort.

Custom Starborn Attachment
Specially designed Muro attachment for use with Starborn fasteners.

Adjustable Depth Control
For perfect countersinking.

Auto Feed
Fast and easy reloading.



Pro Plug PVC Tool: Patent Pending

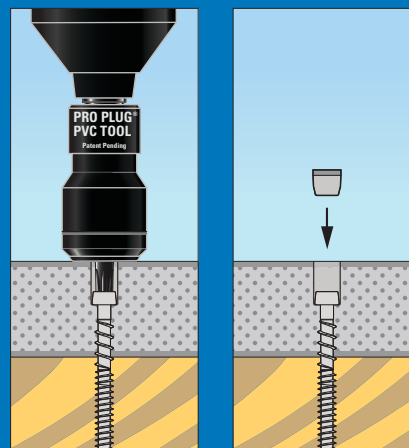
PRO PLUG® SYSTEM for PVC

Integrated Plug Fastening System for PVC Decking and PVC Trim

Pro Plug® System for PVC is a superior and easy-to-install plug fastening system for PVC Decking and PVC Trim. The system is available for a broad range of decking and trim materials, with epoxy coated or stainless steel fasteners in a full range of sizes—giving builders the ability to choose the right screw for a wide variety of applications.

The system features the PVC Tool (which drives screws to the correct depth without stripping the screw recess or damaging the deck board surface), star drive fasteners in both epoxy coated carbon steel and stainless steel (Grade 305 and Marine Grade 316), and plugs made from actual deck and trim material.

Approved for use with ACO treated lumber. Follow the decking or trim manufacturer's recommendation when selecting either stainless or epoxy coated screws. For applications exposed to salt air, near large bodies of water, swimming pools or other areas where corrosion is more likely to occur, use Marine Grade 316 Pro Plug System for PVC stainless steel fasteners.



1 Set screw with PVC Tool

2 Tap in plug with hammer

Pro Plug® PVC Tool

Auto-Stop™ Mechanism

Once target depth is reached, the Auto-Stop™ mechanism inside the tool disengages the driver bit and stops the screw from driving further, without stripping the screw recess.

Free Spinning Stop Collar

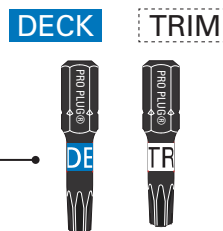
The free spinning stop collar is fitted with a rubber O-ring to prevent damage to the work surface.



Special Bits for Deck and Trim Applications

Driver bits used with the PVC Tool are replaceable. There are two types of driver bits: *Deck* bits and *Trim* bits, each optimized for their specific application. Both PVC Tool packages and PVC Deck/Trim Kits include bits.

Note: Impact drivers may not set screws to the correct depth. Standard drills are recommended for use with the Pro Plug PVC Tool.



Plugs

Plugs

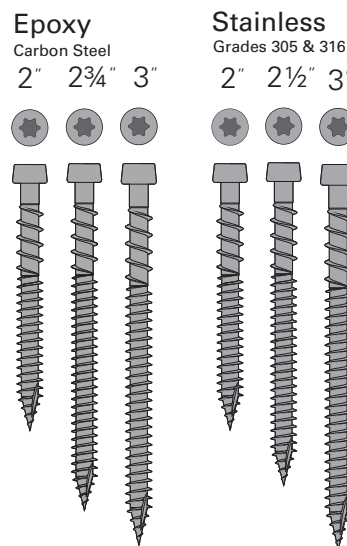
Plugs are made from actual deck and trim board material, so the color and grain match perfectly.



Fasteners

Stainless and Epoxy Coated Star Drive Fasteners:

All fasteners are ACQ approved. When driven below the deck or trim board surface with the PVC Tool, the fasteners create a perfect hole for the matching plug, without pre-drilling.



Packs



Deck: 75 pc (20 sq ft)
Trim: 75 pc (50 lin ft)



Deck: 350 pc (100 sq ft)
Trim: 375 pc (250 lin ft)
+ Free PVC Tool



Deck: 1050 pc (300 sq ft)
Trim: 1125 pc (750 lin ft)
+ Free PVC Tool



PVC Tool
(for Deck and Trim)

DECK

AZEK®

Clubhouse®

Endeck®

Fiberon®

Gossen®

Inteplast®

VEKAdeck®

Wolf®

TRIM

AZEK®

Inteplast®

Kleer®

KOMA®

Palight®

Ply Gem®

Royal®

Versatex®

Wolf®



Patented

PRO PLUG® SYSTEM for Wood

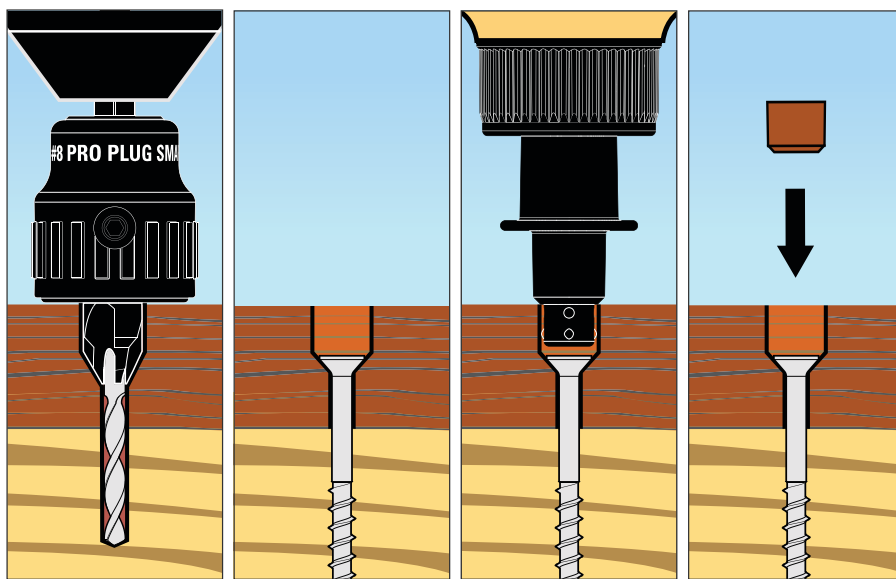
Integrated Plug Fastening System for Hardwood Decking

Pro Plug® System for Wood combines the strength of top-down fastening with the high end finish of face-grain wood plugs. This comprehensive system allows deck builders to drill, screw, glue, and plug all types of hardwoods in a fraction of the time required for traditional plug fastening methods.

All of the Pro Plug System for Wood components have been carefully and precisely engineered to maximize performance and provide the best finished result. The system features face-grain wood plugs, stainless fasteners (Grade 305 and Marine Grade 316, 8 x 1½" and 8 x 2½"), a pre-drilling and counterboring tool, and a glue nozzle that applies glue to the sidewall of the counterbored hole. See opposite for available wood types.

Pro Plug Flooring Kits: Indoor flooring kits with zinc plated fasteners are also available.





1. Drill

Pro Plug Tool for Wood: 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 or Marine Grade 316 stainless steel deck screws. The fasteners are 1 1/4" or 2 1/2" long and have star drive recesses.

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 4/8 oz. bottle of Titebond® wood glue or 4/8/16 oz. bottle of Elmer's® wood glue.

4. Plug

Pro Plug Plugs: Face grain wood plugs are approximately 5/8" in diameter and are available in many types of wood (see below). Plugs are inserted completely, with no need for sawing or chiseling. Light sanding is recommended.

Component Packs

Pro Plug Decking and Flooring Kits: Plugs, screws, and the Glue Nozzle are available in **100 pc.**, **350 pc.** (100 sq ft) and **1050 pc.** (300 sq ft) packs with equal numbers of plugs and screws.

Pro Plug Tool for Wood: 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.



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, durable finish.



Available plugs*



*Additional species and branded wood products also available. Pro Plug Flooring kits with zinc plated fasteners are available in American Cherry, American Walnut, Eastern White Pine, Genuine Mahogany, Poplar, Red Oak and White Oak. Other species of wood plugs can be made-to-order for larger projects.



*A perfect hole and fit...
every time.*

Patented

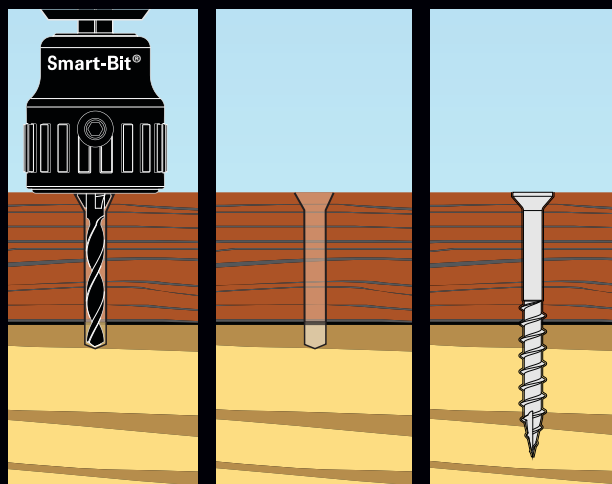
Smart-Bit® Pre-drilling and Countersinking Tool

For use with Headcote® and Deckfast® Stainless Screws

Smart-Bit® Pre-drilling and Countersinking Tools are designed for decking and general woodworking. Smart-Bit tools feature a pre-set countersink, free-spinning stop collar to protect the work surface, and replaceable Powerbolic® fluted drill bits that cut through decking more than twice as fast as standard wood bits. They are perfect for use with hardwoods like ipe, mahogany, and meranti.

Headcote® and Deckfast® Stainless compatible:

The countersink profiles of Smart-Bit tools are precisely matched to Headcote® and Deckfast® Stainless screws. For materials that require pre-drilling, especially hardwoods, this product combination makes it easy to achieve a clean and professional finish.



Smart-Bit features

Free-Spinning Stop Collar with O-ring

The Smart-Bit stop collar spins free of the drill bit, preventing marring or burnishing of the deck surface. When the stop collar stops spinning, the hole is complete.

Anti-Clog Debris Cavity

The Smart-Bit debris cavity gathers waste material, keeping it clear of the countersink, unlike conventional flush mounted countersinks. The waste simply falls out onto the deck surface after each hole is completed.

Powerbolic® High-Speed Drill Bit

The Powerbolic bit has specially designed fluting that cuts through decking more than twice as fast as standard wood bits, even dense composites and hardwoods.

Pre-set Countersink

Smart-Bit tools match the head diameter, head angle and countersink depth of corresponding Headcote and Deckfast Stainless screws, for the perfect hole and fit. Everything is pre-set in the tool assembly.

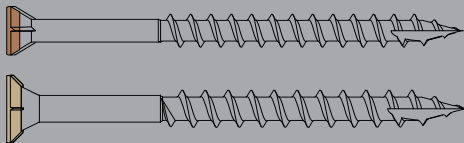
Replaceable Bit:

Smart-Bit tools come with two extra Replacement Bits and a $\frac{3}{32}$ " hex wrench for use with the set screw that holds the drill bits in place. Replacement Bits are also sold separately in packs of five bits each.

Pre-set Shaft Length

Together with the countersink, the overall hole depth for the #7, #8, and #10 tools are $1\frac{1}{8}$ " deep, designed for use with decking material up to $\frac{5}{4}$ " thick (nominal).

Smart-Bit tools are designed to perfectly match the profiles of **Headcote** and **Deckfast Stainless** deck screws.



Also available for fiber cement board:



Patented

Dimensions

Tool Size Gauge (mm)	Head Style	Drill Bit mm (inch)	Countersink Dia. mm (inch)	Countersink Angle	Hole Depth* mm (inch)
#7 (4.2)	Trim	3.0 ($\frac{7}{64}$ ")	6.2 ($\frac{1}{4}$ ")	60°	30 ($1\frac{1}{8}$ ")
#8 (4.5)	Trim	3.2 ($\frac{1}{8}$ ")	6.6 ($\frac{17}{64}$ ")	60°	30 ($1\frac{1}{8}$ ")
#10 (5.0)	Flat	3.6 ($\frac{9}{64}$ ")	9.2 ($\frac{23}{64}$ ")	90°	30 ($1\frac{1}{8}$ ")
#12 (5.5)	Flat	4.0 ($\frac{5}{32}$ ")	11 ($\frac{7}{16}$ ")	82°	40 ($1\frac{9}{16}$ ")
#14 (6.2)*	Flat	5.25 ($\frac{13}{64}$ ")	12.9 ($\frac{1}{2}$ ")	82°	40 & 75 ($1\frac{9}{16}$ " & 3")

*Overall hole depth including countersink portion. When installing decking it is general practice to not pre-drill the underlying (joist) material; this is usually treated lumber and does not require pre-drilling. The $1\frac{1}{8}$ " overall hole depth provides sufficient depth for installing decking material up to $\frac{5}{4}$ " thick (nominal).

*The #14 Smart-Bit comes with two (2) 40 mm bits and one (1) 75 mm bit.

Packs



Smart-Bit Tool



Replacement Bits

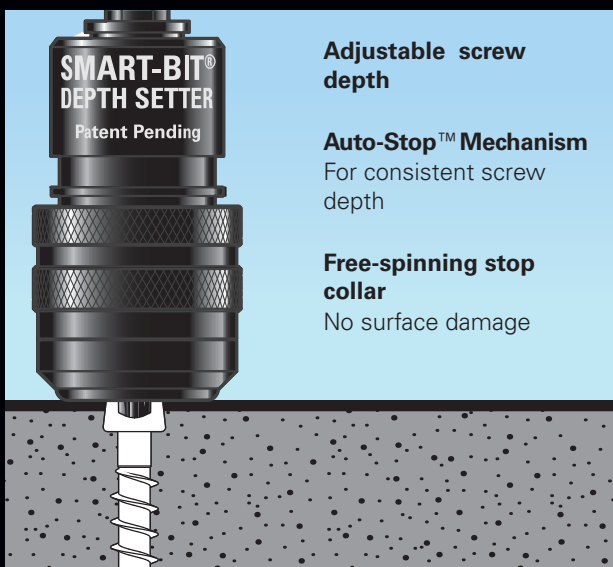


Smart-Bit® Deck Screw Depth Setter

Driving Tool for Setting Screws to the Perfect Depth

Smart-Bit® Deck Screw Depth Setters are designed to make fastening decks, drywall, and other materials easier and faster, with clean and uniform results: perfectly set screws every time. The tool is adjustable so that it can be used with many different types of screws, and features an Auto-Stop™ mechanism that sets the screw at the target depth without stripping the screw recess. A free-spinning stop collar fitted with rubber O-ring protects the work surface from damage or marking.

The Depth Setter works with both Phillips® and Torx® bits, and is designed for use with a full range of Starborn fasteners. It also works well with other fastener products.



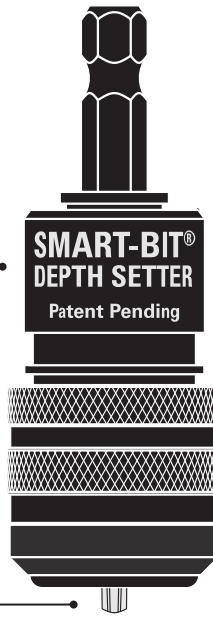
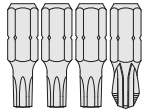
Depth Setter Features

Auto-Stop™ Mechanism

Once target depth is reached, the Auto-Stop™ mechanism inside the tool disengages the driver bit and stops the screw from driving further, without stripping the screw recess.

Works with Torx® and Phillips® Bits

Each tool includes one T-20 bit in the tool and four additional replacement bits: (2) T-20 bits, (1) T-25 and (1) #2 PH.



Adjustment and Locking Rings

The depth can be adjusted for many different types of screws and applications. A locking ring secures the depth setting for consistent screw depth every time.

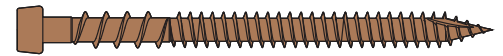
Free-Spinning Stop Collar

The free-spinning stop collar is fitted with a rubber O-ring to prevent damage to the work surface.

Note: Impact drivers may not set screws to the correct depth. Standard drills are recommended for use with the Smart-Bit Depth Setter.

Typical Applications

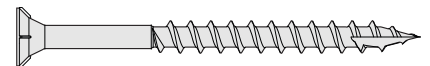
Cap-Tor® xd: Color Matched Screws for PVC and Composite Decking



Deckfast® Metal: Color Matched Screws for Fastening PVC, Composite and Hardwood Decking to Trex Elevations and other Metal Framing Systems



Deckfast® Epoxy: Color Matched Screws for Pressure Treated Lumber and PVC Trim



Drywall, General Construction Fasteners, Woodworking and Miscellaneous Fastening Applications





Tough Pack Driver Bits

Shock Resistant Driver Bit Cases for Professional Contractors

Tough Packs are shock resistant driver bit cases tough enough for professional contractors. Tough Packs are extremely practical accessories for any deck installation or jobsite. Each Tough Pack contains 30 one-inch insert bits or 15 two-inch bits in a wide range of recess types – Phillips® ACR®, Torx® and Square – and sizes.

Starborn has been producing high quality bits for over thirty years. Starborn bits are properly sized, extra hardened and have high torsional strength. Higher quality bits prevent screw head recesses from stripping out, saving time and preventing unnecessary hassle. In addition to Tough Packs, Starborn also offers a large variety of bits and driver accessories in blister packs, jars and retail racking display systems.

Available Bits

Torx®

1" - T-10 • T-15 • T-20 • T-25 • T-30 • T-40
2" - T-15 • T-20 • T-25 • T-30

Square

1" - #1SQ • #2SQ • #3SQ
2" - #1SQ • #2SQ
2¾" - #1SQ • #2SQ

Phillips®

1" - #1PH • #2PH • #2PH reduced diameter • #3PH
2" - #1PH • #2PH • #3PH
2¾" - #1PH • #2PH • #3PH
3½" - #1PH • #2PH
6" - #2PH



Acrylic Countertop Displays
13" wide x 4" deep x 11" high



End Cap
36" wide x 25" deep x 90" high



Rolling Rack Display
22" wide x 16" deep x 58" high

Display Program

Customized Racks and Displays for Retailers

We make selling easy...

Our display programs work in conjunction with our multi-tiered national marketing campaigns. Please contact us for more information on our customized displays and joint marketing programs.

- Deck-specific labeling
- Customized Deck Matcher charts
- Custom display signs
- Direct mail
- Exhibitions and trade shows



Driver bit displays hold 12 jars plus two side attachments for longer bits. Laminated UPC scan sheet included.

Starborn Deck Matcher

Headcote® 305 and 316 • Cap-Tor® xd • Deckfast® Metal • Fascia System

Starborn Color	AZEK®	Clubhouse®	Deckorators®	Duralife™	Endeck®	EverGrain®	Fiberon®	Gossen®
Tan-Gray (#31)	Autumn Chestnut	Cobblestone				Weathered Wood		
Brown (#34)	Mahogany • Morado		Redwood	Mahogany • Tropical Walnut	Cedar • Sable	Shaded Auburn • Spiced Teak	Cabin • Ipe • Tudor Brown • Timber	Brazilian Ipe • Delta Brown • Sierra Walnut • Spanish Walnut
Gray (#37)			Ashwood • Gray		Slate	Cape Cod Grey	Cottage • Harbor Gray • Granite	London Grey • Summit Grey
Ashwood (#43)					Ashwood			
Ivory (#45)	Hazelwood	Sandstone			Beechwood			
Dark Gray (#53)	Island Oak		Dusk	Slate		Greywood	Flagstone	
Warm Gray (#54)	Slate Gray	Brookstone		Coastal Grey • Garapa Grey	Dawn		Castle Gray • Greystone • Mineral • Sandstone	Alpine Grey • Harbor Grey
Dark Slate (#55)		Ironwood	Driftwood				Earl Grey • Gray Birch	
Buckskin (#63)		Ipe	Cedar • Sandalwood				Warm Sienna	
Sand (#64)	Brownstone	Clay	Milled Maple	Pebble	Olivewood • Dusk		Fossil	Acorn Brown • Desert Beige
Rosy Brown (#65)	Silver Oak		Mesquite				Brownstone • Cocoa	
Chocolate (#71)	Acacia • Dark Hickory • Kona • Brazilian Walnut	Walnut	Barrel-Aged Oak • Ironwood		Chestnut	Rustic Walnut	Latte • Burnt Umber	
Java (#73)	Mountain Redwood	Mahogany	Kingwood • Rosewood • Walnut		Sequoia		Espresso • Chestnut • Rosewood • Earthstone	
Cedar (#81)	Cypress			Brazilian Cherry • Golden Teak		Cedar	Villa • Western Cedar	Moroccan Cedar
Mahogany (#82)						Redwood	Cinnabar	Tuscan Cherry
Forest Green (#94)						Forest Green		
Starborn Color	Inteplast® Deck (TUFOboard®)	Lumberock®	MoistureShield®	TimberTech®	Trex®	VEKAdeck®	WOLF®	Zuri®
Tan-Gray (#31)			Earthtone				Weathered Ipe	Weathered Grey
Brown (#34)	Rosewood • Brazilian Teak		Seasoned Mahogany • TigerWood • Walnut • Bridle	Brown Oak • Antigua Gold	Saddle • Tree House	Cayenne	Amberwood • Cedar Ridge • Ipe	Walnut
Gray (#37)	Gray • Sage	Anchor Gray	Cape Cod Gray	Ashwood • Stone Ash • Silver Maple	Pebble Grey	White	Coastal Grey • Driftwood Grey • Potomac Grey	
White (#39)		White			Fascia White	Gray		
Ashwood (#43)		Gray				Almond		
Ivory (#45)	Sandalwood					Khaki		
Olive Gray (#51)								
Dark Gray (#53)	Gray Walnut		Graystone		Clam Shell • Island Mist			
Warm Gray (#54)				Grey	Gravel Path		Harbor Grey	
Dark Slate (#55)				Amazon Mist	Winchester Grey			
Buckskin (#63)	Sahara	Weathered Wood		Tigerwood			Cedar • Light Garapa	Chestnut
Sand (#64)		Harbor Wood • Putty	Desert Sand	Sandy Birch	Rope Swing	Mocha	Sand Castle • Willow	
Rosy Brown (#65)	Acorn • Burnished Maple • Hickory		Brazilian Chestnut	Cedar • Pecan	Beach Dune • Havana Gold	Walnut		
Chocolate (#71)	Espresso				Vintage Lantern		Black Walnut • Rosewood	
Java (#73)	Warm Walnut	Chocolate Brown	Ipe	Antique Palm • Rustic Elm • Caribbean Redwood • Mocha	Fire Pit • Lava Rock • Spiced Rum • Woodland Brown		Acacia	
Cedar (#81)	Red Cedar	Cedar • Tan	Rustic Cedar		Tiki Torch		Teakwood	Pecan
Mahogany (#82)		Redwood	Terracotta				Mahogany • Redwood	Brazilia
Burgundy (#87)					Madeira			
Forest Green (#94)		Green						

Visit starbornindustries.com/deckmatcher for an interactive version of this chart, which also includes wood decking. The online version is updated more frequently. For more information on what type of screw to use with specific decking products, see the [Deck Fastener Information Center](https://starbornindustries.com/deck-fastener-information-center) online at starbornindustries.com/deck-fastener-information-center. • Starborn Industries, Inc. Edison, NJ 08837 USA • Rev. date: 2016-04-04