SECTION 06 15 00

CONCEALED DECK FASTENERS AND ACCESSORIES

Display hidden notes to specifier. (Don't know how? [Click Here](https://www.arcat.com/sd/display_hidden_notes.shtml))

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\*\* NOTE TO SPECIFIER \*\* DeckWise USA ; Concealed deck fasteners and accessories.  
.  
This section is based on the products of DeckWise USA , which is located at:2111 58th Ave. E.Bradenton, FL 34203 Toll Free Tel: 866-427-2547 Tel: 941-896-9851 Email: [request info (rkabel@deckwise.com)](https://arcat.com/rfi?action=email&company=DeckWise%252BUSA%252B&message=RE%253A%2520Spec%2520Question%2520(06154dec)%253A%2520&coid=49203&spec=06154dec&rep=&fax=)  
Web: <https://www.deckwise.com>   
 [ [Click Here](https://arcat.com/company/deckwise-usa-49203) ] for additional information.  
Since 2000, the Ipe Clip Fastener Company (DBA DeckWise) has manufactured high quality Made in the USA hidden deck fasteners for exotic hardwoods and composite deck building. With a proven track record of extraordinary customer satisfaction, our deck building products are comprised of high-grade long-lasting materials. Every product is expertly engineered to withstand corrosive weather elements from the desert; to the tropics; to the cold.  
Ipe Clip hidden deck fasteners eliminate many common decking problems such as cupping and warping. This is due to only 1 side of the deck board being pinned down to the framing. This allows decking material to move naturally all the while keeping consistent board gaps.  
By offering a wide variety of decking products, DeckWise covers the industry as a leading go-to supplier. Products such as the Hardwood Wrench, Ipe Oil, WiseCoat, Ipe Seal, deck screws, hardwood deck tiles, and pedestals plus essential decking tools and accessories, we've got you covered.  
Every year that goes by has brought extensive LBM product growth. With each innovative product that is brought to the market, DeckWise continues to expand our U.S. and European network of dealers and distributors. Our #1 goal is to provide DIY homeowners, architects and Pro contractors with the best deck fasteners, wood finishes, hand tools and accessories on the market.

1. GENERAL
   1. SECTION INCLUDES

\*\* NOTE TO SPECIFIER \*\* Delete items below not required for project.

* + 1. Hidden Deck Fasteners.
    2. Deck Screws.
    3. Wood Care Products.
    4. Deck Tools.
    5. Deck Accessories.
    6. Deck Tile Systems.
    7. Deck Tile Pedestals.
    8. Rainscreen Siding Clips.
    9. Deck Cable Railing.
  1. RELATED SECTIONS

\*\* NOTE TO SPECIFIER \*\* Delete any sections below not relevant to this project; add others as required.

* + 1. Section 03 30 00 - Cast-in-Place Concrete.
    2. Section 04 27 23 - Cavity Wall Unit Masonry.
    3. Section 06 10 00 - Rough Carpentry.
    4. Section 06 20 00 - Finish Carpentry.
    5. Section 09 90 00 - Painting and Coating.
  1. SUBMITTALS
     1. Submit under provisions of Section 01 30 00 - Administrative Requirements.
     2. Product Data: Manufacturer's data sheets on each product to be used, including:
        1. Preparation instructions and recommendations.
        2. Storage and handling requirements and recommendations.
        3. Installation methods.
     3. Shop Drawings: Shop Drawings: Include details of construction and all materials.

\*\* NOTE TO SPECIFIER \*\* Delete the following paragraph if FSC certification is not applicable.

* + 1. FSC Submittals: Provide documentation indicating manufacturer is FSC Chain-of-Custody certified.
    2. Verification Samples: For each finish product specified, two samples, minimum size 6 inches (150 mm) long, representing actual product, and color.
    3. Manufacturer's Certificates: Certify products meet or exceed specified requirements.
    4. Closeout Submittals: Provide manufacturer's maintenance instructions that include recommendations for periodic cleaning and maintenance of all components.
  1. QUALITY ASSURANCE
     1. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section with minimum 5 years documented experience.
     2. Installer Qualifications: Company specializing in performing Work of this section with minimum 2 years documented experience.

\*\* NOTE TO SPECIFIER \*\* Include a mock-up if the project size and/or quality warrant taking such a precaution. The following is one example of how a mock-up on a large project might be specified. When deciding on the extent of the mock-up, consider all the major different types of work on the project.

* + 1. Mock-Up: Provide a mock-up for evaluation of surface preparation techniques and application workmanship.
       1. Finish areas designated by Architect.
       2. Do not proceed with remaining work until workmanship is approved by Architect.
       3. Rebuild mock-up area as required to produce acceptable work.
       4. Accepted mock-up shall be comparison standard for remaining Work.
  1. DELIVERY, STORAGE, AND HANDLING
     1. Deliver and store products in manufacturer's unopened packaging bearing the brand name and manufacturer's identification until ready for installation.
     2. Protect from soiling, damage and construction operations. Allow for proper on site acclimation of wood materials.
  2. PROJECT CONDITIONS
     1. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's recommended limits.

1. PRODUCTS
   1. MANUFACTURERS
      1. Acceptable Manufacturer: DeckWise USA , which is located at:2111 58th Ave. E.Bradenton, FL 34203 Toll Free Tel: 866-427-2547 Tel: 941-896-9851 Email: [request info (rkabel@deckwise.com)](https://arcat.com/rfi?action=email&company=DeckWise%252BUSA%252B&message=RE%253A%2520Spec%2520Question%2520(06154dec)%253A%2520&coid=49203&spec=06154dec&rep=&fax=);Web: <https://www.deckwise.com>

\*\* NOTE TO SPECIFIER \*\* Delete one of the following two paragraphs; coordinate with requirements of Division 1 section on product options and substitutions.

* + 1. Substitutions: Not permitted.
    2. Requests for substitutions will be considered in accordance with provisions of Section 01 60 00 - Product Requirements.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* 1. HIDDEN DECK FASTENERS

\*\* NOTE TO SPECIFIER \*\* Include Paragraph below for EXTREME, EXTREME-4, and EXTREME-KD fasteners. Delete if only Standard fasteners are required.

* + 1. EXTREME Series Hidden Deck Fastener Clips by DeckWise: Malleable plastic with stainless steel insert:
       1. Made in the USA.
       2. Limited lifetime warranty.
       3. Casing: Virgin polypropylene resin, resistant to UV.
       4. Insert: Stainless steel with black oxide coating.
       5. Symmetrical edge groove for better board surface selections.
       6. Allows for expansion of width of hardwoods.
       7. Allows movement of length of composite and PVC decking.
       8. Unique square biscuit design ensures more contact surface area inside slot groove.
       9. Screws installed at 45 degrees provide maximum holding strength for hardwood decking.
       10. Screws installed straight down for composite and PVC decking allow these materials to naturally move on their length.
       11. Size: 1.0 x 1.0 x 0.390 inch (25.4 x 25.4 x 9.9 mm).
       12. Stainless Steel Insert: 0.883 x 0.883 x .036 inch (22.4 x 22.4 x 0.9 mm).

\*\* NOTE TO SPECIFIER \*\* Select the fastener types required from the following paragraphs. Delete those not required.

* + 1. Basis of Design: Ipe Clip EXTREME Hidden Deck Fastener Clip by DeckWise: Malleable plastic with stainless steel insert:
       1. Integrated spacer leg spaces deck boards at 3/32 inch (2.4 mm).
       2. For use with air-dried hardwood, composite, or PVC decking.

\*\* NOTE TO SPECIFIER \*\* Available in Kit and Bucket packages. Delete options not required.

* + - 1. Complete Kit Including:
         1. Fasteners: (175) Ipe Clip EXTREME Hidden Deck Fasteners.
         2. Screws: (190) #8 x 2 inch colormatch black stainless steel star drive screws.
         3. Plugs: (12) 3/8 inch tapered Ipe Plugs.
         4. Drill Bit: (1) 1/8 inch high speed drill bit.
         5. Drive Tip: (1) T15 star drive tip.
         6. Instruction sheet.
      2. 100 Ct. Kit Including:
         1. Fasteners: (100) Ipe Clip EXTREME Hidden Deck Fasteners.
         2. Screws: (100) #8 x 2 inch colormatch black stainless steel star drive screws.
         3. Instruction sheet.
      3. 2 Gal. Contractor Bucket Including:
         1. Fasteners: (525) Ipe Clip EXTREME Hidden Deck Fasteners.
         2. Screws: (565) #8 x 2 inch colormatch black stainless steel star drive screws.
         3. Drill Bit: (3) 1/8 inch high speed drill bit.
         4. Drive Tip: (3) T15 star drive tip.
         5. Instruction sheet.
      4. 5 Gal. Contractor Bucket Including:
         1. Fasteners: (1050) Ipe Clip EXTREME Hidden Deck Fasteners.
         2. Screws: (1130) #8 x 2 inch colormatch black stainless steel star drive screws.
         3. Drill Bit: (5) 1/8 inch high speed drill bit.
         4. Drive Tip: (5) T15 star drive tip.
         5. Instruction sheet.

\*\* NOTE TO SPECIFIER \*\* Select color. Delete color options not required.

* + - 1. Color: Shadowline Black.
      2. Color: Hardwood Brown.
      3. Color: Composite Grey.
      4. Color: To be selected by Architect.
    1. Basis of Design: Ipe Clip EXTREME-4 Hidden Deck Fastener Clip by DeckWise: Malleable plastic with stainless steel insert:
       1. Integrated spacer leg spaces deck boards at 5/32 inch (4 mm).
       2. For use with air-dried hardwood, kiln-dried hardwood, composite, or thermal wood decking.

\*\* NOTE TO SPECIFIER \*\* Available in Kit and Bucket packages. Delete options not required.

* + - 1. Complete Kit Including:
         1. Fasteners: (175) Ipe Clip EXTREME-4 Hidden Deck Fasteners.
         2. Screws: (190) #8 x 2 inch colormatch black stainless steel star drive screws.
         3. Plugs: (12) 3/8 inch tapered Ipe Plugs.
         4. Drill Bit: (1) 1/8 inch high speed drill bit.
         5. Drive Tip: (1) T15 star drive tip.
         6. Spacer Tools: (3) 5/32 inch spacer tools.
         7. Instruction sheet.
      2. 100 Ct. Kit Including:
         1. Fasteners: (100) Ipe Clip EXTREME-4 Hidden Deck Fasteners.
         2. Screws: (100) #8 x 2 inch colormatch black stainless steel star drive screws.
         3. Spacer Tools: (3) 5/32 inch spacer tools.
         4. Instruction sheet.
      3. 2 Gal. Contractor Bucket Including:
         1. Fasteners: (525) Ipe Clip EXTREME-4 Hidden Deck Fasteners.
         2. Screws: (565) #8 x 2 inch colormatch black stainless steel star drive screws.
         3. Drill Bit: (3) 1/8 inch high speed drill bit.
         4. Drive Tip: (3) T15 star drive tip.
         5. Spacer Tools: (6) 5/32 inch spacer tools.
         6. Instruction sheet.
      4. 5 Gal. Contractor Bucket Including:
         1. Fasteners: (1050) Ipe Clip EXTREME-4 Hidden Deck Fasteners.
         2. Screws: (1130) #8 x 2 inch colormatch black stainless steel star drive screws.
         3. Drill Bit: (5) 1/8 inch high speed drill bit.
         4. Drive Tip: (5) T15 star drive tip.
         5. Spacer Tools: (6) 5/32 inch spacer tools.
         6. Instruction sheet.

\*\* NOTE TO SPECIFIER \*\* Select color. Delete color options not required.

* + - 1. Color: Shadowline Black.
      2. Color: Hardwood Brown.
      3. Color: Composite Grey.
      4. Color: To be selected by Architect.
    1. Basis of Design: Ipe Clip EXTREME-KD Hidden Deck Fastener Clip by DeckWise: Malleable plastic with stainless steel insert:
       1. Integrated spacer leg spaces deck boards at 1/4 inch (6.4 mm).
       2. For use with kiln-dried hardwood, composite, or thermal wood decking.
       3. Hollow legs act as shock absorbers as kiln-dried materials expand.

\*\* NOTE TO SPECIFIER \*\* Available in Kit and Bucket packages. Delete options not required.

* + - 1. Complete Kit Including:
         1. Fasteners: (175) Ipe Clip EXTREME-KD Hidden Deck Fasteners.
         2. Screws: (190) #8 x 2 inch colormatch black stainless steel star drive screws.
         3. Plugs: (12) 3/8 inch tapered Ipe Plugs.
         4. Drill Bit: (1) 1/8 inch high speed drill bit.
         5. Drive Tip: (1) T15 star drive tip.
         6. Spacer Tools: (3) 1/4 inch spacer tools.
         7. Instruction sheet.
      2. 100 Ct. Kit Including:
         1. Fasteners: (100) Ipe Clip EXTREME-KD Hidden Deck Fasteners.
         2. Screws: (100) #8 x 2 inch colormatch black stainless steel star drive screws.
         3. Spacer Tools: (3) 1/4 inch spacer tools.
         4. Instruction sheet.
      3. 2 Gal. Contractor Bucket Including:
         1. Fasteners: (525) Ipe Clip EXTREME-KD Hidden Deck Fasteners.
         2. Screws: (565) #8 x 2 inch colormatch black stainless steel star drive screws.
         3. Drill Bit: (3) 1/8 inch high speed drill bit.
         4. Drive Tip: (3) T15 star drive tip.
         5. Spacer Tools: (6) 1/4 inch spacer tools.
         6. Instruction sheet.
      4. 5 Gal. Contractor Bucket Including:
         1. Fasteners: (1050) Ipe Clip EXTREME-KD Hidden Deck Fasteners.
         2. Screws: (1130) #8 x 2 inch colormatch black stainless steel star drive screws.
         3. Drill Bit: (5) 1/8 inch high speed drill bit.
         4. Drive Tip: (5) T15 star drive tip.
         5. Spacer Tools: (6) 1/4 inch spacer tools.
         6. Instruction sheet.

\*\* NOTE TO SPECIFIER \*\* Select color. Delete color options not required.

* + - 1. Color: Shadowline Black.
      2. Color: Hardwood Brown.
      3. Color: Composite Grey.
      4. Color: To be selected by Architect.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* + 1. Basis of Design: Standard Ipe Clip Hidden Deck Fastener Clip by DeckWise: Malleable plastic:
       1. Integrated spacer leg spaces deck boards at 3/32 inch (2.4 mm).
       2. For use with air-dried hardwood, composite, or thermal wood decking.
       3. Made in the USA.
       4. Limited lifetime warranty.
       5. Casing: Virgin polypropylene resin, resistant to UV.
       6. Symmetrical edge groove for better board surface selections.
       7. Allows for expansion of width of hardwoods.
       8. Allows movement of length of composite and PVC decking.
       9. Screws installed at 45 degrees provide maximum holding strength for hardwood decking.
       10. Screws installed straight down for composite and PVC decking allow these materials to naturally move on their length.
       11. Size: 1.0 inch diameter x 0.390 inch (25.4 mm diameter x 9.9 mm).

\*\* NOTE TO SPECIFIER \*\* Available in Kit and Bucket packages. Delete options not required.

* + - 1. Complete Kit Including:
         1. Fasteners: (175) Ipe Clip Standard Hidden Deck Fasteners.
         2. Screws: (190) #8 x 2 inch colormatch black stainless steel star drive screws.
         3. Plugs: (12) 3/8 inch tapered Ipe Plugs.
         4. Drill Bit: (1) 1/8 inch high speed drill bit.
         5. Drive Tip: (1) T15 star drive tip.
         6. Instruction sheet.
      2. 100 Ct. Kit Including:
         1. Fasteners: (100) Ipe Clip Standard Hidden Deck Fasteners.
         2. Screws: (100) #8 x 2 inch colormatch black stainless steel star drive screws.
         3. Spacer Tools: (3) 5/32 inch spacer tools.
         4. Instruction sheet.
      3. 2 Gal. Contractor Bucket Including:
         1. Fasteners: (525) Ipe Clip Standard Hidden Deck Fasteners.
         2. Screws: (565) #8 x 2 inch colormatch black stainless steel star drive screws.
         3. Drill Bit: (3) 1/8 inch high speed drill bit.
         4. Drive Tip: (3) T15 star drive tip.
         5. Instruction sheet.
      4. 5 Gal. Contractor Bucket Including:
         1. Fasteners: (1050) Ipe Clip Standard Hidden Deck Fasteners.
         2. Screws: (1130) #8 x 2 inch colormatch black stainless steel star drive screws.
         3. Drill Bit: (5) 1/8 inch high speed drill bit.
         4. Drive Tip: (5) T15 star drive tip.
         5. Instruction sheet.

\*\* NOTE TO SPECIFIER \*\* Select color. Delete color options not required.

* + - 1. Color: Shadowline Black.
      2. Color: Hardwood Brown.
      3. Color: Composite Grey.
      4. Color: To be selected by Architect.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* 1. DECK SCREWS

\*\* NOTE TO SPECIFIER \*\* Select deck screws required from the following paragraphs. Delete those not required.

* + 1. #8 Trim-Head Stainless Steel Deck Screws: T15 stainless steel #8 trim-head deck screws.
       1. Type 17 point for ease of wood penetration.

\*\* NOTE TO SPECIFIER \*\* Select material grade required. Use 316 grade for marine applications. Delete grade not required.

* + - 1. Material: 305 grade stainless steel.
      2. Material: 316 grade stainless steel.
      3. Head: T15 star drive finish heads.

\*\* NOTE TO SPECIFIER \*\* Delete lengths not required.

* + - 1. Length: 1 inch.
      2. Length: 1-1/2 inch.
      3. Length: 2 inch.
      4. Length: 2-1/2 inch.
      5. Length: 3-1/8 inch.
      6. Length: As indicated on Drawings.

\*\* NOTE TO SPECIFIER \*\* Delete colors not required.

* + - 1. Color: Shadowline Black.
      2. Color: Hardwood Brown.
      3. Color: Stainless Steel.
      4. Color: Cedar.
      5. Color: Rosy Brown.
      6. Color: Outdoor Grey.
      7. Color: To be selected by Architect.
    1. #10 Bugle-Head Stainless Steel Deck Screws: T25 stainless steel #10 bugle-head deck screws.
       1. Double countersink flat bugle head with 6 nibs.
       2. 6 lobe star drive reduces cam-out and increases torque.
       3. Chipboard thread screw with partial thread and triple spline.
       4. Type 17 point for ease of wood penetration.

\*\* NOTE TO SPECIFIER \*\* Select material grade required. Use 316 grade for marine applications. Delete grade not required.

* + - 1. Material: 305 grade stainless steel.
      2. Material: 316 grade stainless steel.
      3. Head: T25 star drive finish heads.

\*\* NOTE TO SPECIFIER \*\* Delete lengths not required.

* + - 1. Length: 2-1/2 inch.
      2. Length: 3-1/8 inch.
      3. Length: As indicated on Drawings.

\*\* NOTE TO SPECIFIER \*\* Delete colors not required.

* + - 1. Color: Hardwood Brown.
      2. Color: Stainless Steel.
      3. Color: Cedar.
      4. Color: Outdoor Grey.
      5. Color: To be selected by Architect.
    1. #10 Composite Stainless Steel Deck Screws: T20 stainless steel #10 star drive deck screws.
       1. Advanced type 17 point for ease of wood penetration.
       2. Reverse threads below head eliminate mushrooming of composite deck.
       3. Dual threads compress dust and pull decking tight to joists.
       4. Material: 305 grade stainless steel.
       5. Head: T20 star drive finish heads.
       6. Length: 2-1/2 inch.

\*\* NOTE TO SPECIFIER \*\* Delete colors not required.

* + - 1. Color: Hardwood Brown.
      2. Color: Rosy Brown.
      3. Color: Cedar.
      4. Color: Composite Grey.
      5. Color: Composite Sand.
      6. Color: To be selected by Architect.
    1. #8 Heat-Treated Stainless Steel Deck Screws: T15 heat-treated stainless steel #8 self-drilling deck screws.
       1. Reduces stripping and snapping.
       2. Easy installation with TTAP T15 star drive.
       3. Type 17 point for ease of wood penetration.
       4. Material: 18-8 grade stainless steel.
       5. Serrated saw threads to remove sawdust.

\*\* NOTE TO SPECIFIER \*\* Delete lengths not required.

* + - 1. Length: 1-3/4 inch.
      2. Length: 2 inch.
      3. Length: As indicated on Drawings.
    1. #7 Self-Tapping Metal Joist Stainless Steel Deck Screws: Designed for metal joist applications.
       1. Specially engineered #3 drill point to penetrate metal joists with ease.
       2. Head: T15 star drive.
       3. Xylan coated for corrosion resistance.
       4. Material: 410 grade stainless steel.
       5. Auger tip for self-tapping.

\*\* NOTE TO SPECIFIER \*\* Delete lengths not required.

* + - 1. Length: 1-5/8 inch.
      2. Length: 2-1/4 inch.
      3. Length: As indicated on Drawings.

\*\* NOTE TO SPECIFIER \*\* Delete colors not required.

* + - 1. Color: Shadowline Black.
      2. Color: Hardwood Brown.
      3. Color: Stainless Steel.
      4. Color: To be selected by Architect.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* 1. WOOD CARE PRODUCTS

\*\* NOTE TO SPECIFIER \*\* This wood oil has been specifically formulated to protect and preserve the natural beauty of exterior hardwoods. Ipe Oil provides excellent penetration of even the most dense hardwoods with minimal rising of the grain. It protects and conditions the wood while maintaining a completely natural appearance. It stabilizes and nourishes hardwoods from within. Delete if not required.

* + 1. Basis of Design: Ipe Oil Harwood Oil Finish with UV Protectant by DeckWise: Oil-based natural hardwood finish for decking and siding.
       1. For use with exotic hardwoods and thermal woods.
       2. Exceptional penetration.
       3. Natural grain enhancement.
       4. Water repellant.
       5. Low VOC, maximum 250 g/L.
       6. Non-film forming.
       7. Inhibits mold, mildew, rot, and decay.
       8. Allows hardwoods to breath naturally.
       9. Provides UV protection.
       10. Reduces chance of warps and cracks.
       11. Made in the USA.

\*\* NOTE TO SPECIFIER \*\* DeckWise WiseCoat Premium Hardwood Deck, Siding & Fence Sealer is a Zero VOC, non-toxic waterproofing sealant designed for use on hardwood decking, siding and fencing surfaces. It protects, preserves and enhances all types South American exotic hardwoods, American hardwoods and most types of thermally modified wood. Delete if not required.

* + 1. Basis of Design: DeckWise WiseCoat Premium Hardwood Deck, Siding, and Fence Sealer by DeckWise: Zero-VOC, non-toxic waterproofing sealant for use on hardwood decking, siding, and fencing surfaces.
       1. Protects, preserves, and enhances all types of South American exotic hardwoods, American hardwoods, and most thermally modified wood.
       2. Guaranteed to prevent excessive water accumulation below the wood surface for up to six years on horizontal surfaces and up to 10 years on vertical surfaces.
       3. Amber tint for UV protection.
       4. Zero VOC.
       5. Non-toxic.
       6. Eco-friendly and harmless to plants, pets, and people.
       7. Odorless and non-flammable.
       8. Exceptional penetration at the cellular level.
       9. Non-film forming.
       10. Inhibits mold, mildew, rot, and decay.
       11. Allows hardwoods to breath naturally.
       12. Reduces chance of warps and cracks.
       13. Made in the USA.

\*\* NOTE TO SPECIFIER \*\* Ipe Seal® end grain sealant is a wax emulsion proven to increase the structural integrity of hardwoods and thermal wood end cuts. Designed to prevent checking (drying splits) in deck boards, freshly sawn logs, lumber, turning blanks, and other exposed wood ends. Ipe Seal® creates a bond that extends the life of wood. Apply to end cuts on exotic hardwoods, thermal wood, and composite material as well as hardwood siding end cuts. Delete if not required.

* + 1. Basis of Design: Ipe Seal Hardwood End Grain Sealant by DeckWise: Seals ends of logs and lumber to protect against degradation during air-drying.
       1. For use with exotic hardwoods and thermal woods.
       2. Prevents joint swelling of composite decking material.
       3. Non-hazardous wax emulsion.
       4. Dries to the touch in 1-2 hours.
       5. Soap and water clean up.
       6. Not for use on walking surfaces.
       7. Made in the USA.

\*\* NOTE TO SPECIFIER \*\* Wood Deck Cleaner (Part 1) and Wood Deck Brightener (Part 2) remove dirt and greying in preparation for re-oiling and applying finishes such as Ipe Oil and WiseCoat. These concentrated powders are formulated specially to cleanse and brighten exterior wood decks, wood fences, patios, terraces, wood siding, benches, chairs, and other outdoor wood items. Delete if not required.

* + 1. Basis of Design: Deck and Wood Cleaner (Part 1) and Deck and Wood Brightener (Part 2) by DeckWise: Cleanses and brightens exterior wood.
       1. Removes surface dirt, mold, and mildew.
       2. Preps wood for finishing.
       3. Eliminates tannin stains.
       4. Biodegradable, easy to handle, and safe.
       5. Concentrated powders provide maximum strength.
       6. Made in the USA.

\*\* NOTE TO SPECIFIER \*\* Everyone knows the look of a freshly oiled or restored hardwood deck, siding, fence or outdoor furniture is hard to beat. Hardwoods are unlike any other wood in the world, and as such, they shouldn't be treated like any other wood refinishing job. This kit is specially assembled with all of the tools needed to maintain the all-natural hardwood luster. We've carefully selected 21 pieces in this one stop complete kit. Delete if not required.

* + 1. Basis of Design: Hardwood Deck and Siding Restoration All-in-One Kit by DeckWise: Includes:
       1. 1 Gallon Ipe Oil Hardwood Finish.
       2. 16 oz. DeckWise Deck and Wood Cleaner (Part 1).
       3. 16 oz. DeckWise Deck and Wood Brightener (Part 2).
       4. 1 Merit Pro 9 inch (22.9 cm) bright metal paint tray.
       5. 1 Merit Pro 9 inch (22.9 cm) 5 wire roller frame with black handle.
       6. 1 Merit Pro 9 inch (22.9 cm) x 3/8 inch (9.5 mm) woven roller cover.
       7. 1 Merit Pro 2 inch (5.08 cm) painter's beavertail handle varnish brush.
       8. 1 Merit Pro paint can opener.
       9. 3 American Paint paddle 12 inch (30.5 cm).
       10. 10 Scott white pro rags.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* 1. DECK TOOLS

\*\* NOTE TO SPECIFIER \*\* When hardwood deck and siding installers consider how back-breaking wrestling an unwieldy board is, they appreciate the ease of use our Hardwood Wrench™. The days of using a chisel to shove and pry hardwood boards into place are over. The Hardwood Wrench™ design is the original invention for straightening deck and siding boards utilizing a one-handed "locking cam." This one-of-a-kind tool offers true "One-Man, One-Hand Installation®" of hidden fasteners. This tool raises production levels, which adds to profit margins by cutting overhead costs. The versatility of this tool provides 10 different configurations for small or tight areas, vertical, overhead and horizontal installations. Delete if not required.

* + 1. Basis of Design: Hardwood Wrench Deck Board Straightener by DeckWise:
       1. Pushing Force: 1,100 lbs.
       2. Cam:
          1. Locks and holds planks in place.
          2. Aircraft grade anodized aluminum.
       3. Gripping Pins:
          1. Knurled stainless steel pins grip joists and furring strips.
          2. Long and short adjustable.
       4. Handle: American Ash wood, reverses to right or left hands.
       5. 10 adjustable configurations to work in any space.
       6. Made in USA.

\*\* NOTE TO SPECIFIER \*\* The Drill & Drive is a 3-in-1 drill bit set to pre-drill, countersink, and drive screws. The ease of use makes pre-drilling pilot holes and installing deck screws 3 times faster than standard methods of using multiple handheld drills. No matter the installation task, the Drill & Drive "Rapid Change" drill bit set will allow fastener installers to be more productive than ever before. This drill bit set guarantees clean countersinking for hardwood plugs and drilling without splinters and chips. Delete if not required.

* + 1. Basis of Design: Drill & Drive by DeckWise: Rapid change drill bit set, includes:
       1. Quick change locking collar.
       2. (5) 3/8 inch countersink bits.
       3. (5) 1/8 inch drill bits.
       4. On-board hex key.
       5. (5) T15 star drive tips.
       6. Convenient carry case.
       7. Made in USA.

\*\* NOTE TO SPECIFIER \*\* WiseGuides deck board gap spacers serve as the perfect addition to every builder's toolbox for installing hidden deck fasteners or when face screwing decking. Jamming nails between deck boards is a thing of the past. The unique V-Design permits installers to use these spacers in any given position between deck boards. Finding the proper spacer is quick and easy with their bright color coded design. Delete if not required.

* + 1. Basis of Design: WiseGuides Deck Board Gap Spacer Tool by DeckWise:
       1. Material: Hard plastic polymer resin for resistance and rigidity.
       2. Profile: V-shape to facilitate fitting and fast removal.
       3. Color coded spacer wedge sizes for easy use.
       4. Large grip blade guarantees ample resistance.
       5. Large handle opening allows easy access for fingers.
       6. Anti-marking ribs reduce plank contact surface.
       7. Made in USA.

\*\* NOTE TO SPECIFIER \*\* Select gap size required. Delete sizes not required.

* + - 1. Gap Size: 1/8 inch.
      2. Gap Size: 5/32 inch.
      3. Gap Size: 13/64 inch.
      4. Gap Size: 1/4 inch.
      5. Gap Size: 5/16 inch.

\*\* NOTE TO SPECIFIER \*\* DeckWise Router Bits have been specifically designed to cut a perfectly symmetrical groove to accept Ipe Clip Hidden Deck Fasteners. The symmetrical groove profile allows deck boards to be reversed and/or flipped for the best side up. The 4-wing design provides a smooth cut for creating slots and grooves in exotic hardwood, thermally treated wood, and composite decking materials. Delete if not required.

* + 1. Basis of Design: DeckWise Router Bits by DeckWise: For use with handheld or table router:
       1. 5/32 inch 4-wing cutter bit.

\*\* NOTE TO SPECIFIER \*\* Select arbor size required. Delete size not required.

* + - 1. Arbor Size: 1/4 inch diameter.
      2. Arbor Size: 1/2 inch diameter.
      3. Blade Diameter: 1-7/8 inches.
      4. Slot Width: 5/32 inch.
      5. Slot Depth: 1/2 inch.

\*\* NOTE TO SPECIFIER \*\* You're on the job site ready to install the last row of deck boards. Then, realize you can't finish today because you are short 6 hardwood plugs! This deck installation needs finished today. It's a tough spot to be in. What if you could reach in your toolbox and grab a plug cutting bit to quickly cut the plugs you need? The DeckWise Premium Hardwood Plug Cutter is the right toolbox addition to finish any decking job, today, instead of next week. Delete if not required.

* + 1. Basis of Design: DeckWise Premium Hardwood Plug Cutter by DeckWise:

\*\* NOTE TO SPECIFIER \*\* Select size required. Delete size not required.

* + - 1. Size: 3/8 inch.
      2. Size: 1/2 inch.
      3. Anti-skate design.
      4. Extra sharp cutting teeth.
      5. Made in USA.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* 1. DECK ACCESSORIES

\*\* NOTE TO SPECIFIER \*\* Master Builders know they can choose Ipe Clip® hidden deck fasteners or face screw deck boards depending on their preference. There's only one complete hardwood plug kit for face screwing. Our Master Plug Kit solves the problem by including your choice of four hardwood plug specie, Ipe, Cumaru, Massaranduba, or Tigerwood (smooth or ribbed). FSC certified or non-FSC certified. This Master Plug Kit fills in the blanks other so-called "complete wood plug kits" leave behind. Finally, builders have the all-in-one system they've been asking for. Delete if not required.

* + 1. Basis of Design: Hardwood Plug Kit Complete System by DeckWise:
       1. Kit Includes:
          1. DeckWise Drill & Drive kit.
          2. Gorilla Glue, 4 ounce bottle.
          3. Hardwood plugs.
          4. Stainless steel trim-head screws.

\*\* NOTE TO SPECIFIER \*\* Select quantity required. Delete quantity not required.

* + - 1. Quantity: 350 plugs and 350 screws.
      2. Quantity: 1050 plugs and 1050 screws.

\*\* NOTE TO SPECIFIER \*\* Select design required. Delete design not required.

* + - 1. Design: Smooth tapered plugs.
         1. Size: 3/8 inch diameter.

\*\* NOTE TO SPECIFIER \*\* Select species required. Delete species not required.

* + - * 1. Species: Cumaru.
        2. Species: Tigerwood.
        3. Species: Ipe.
        4. Species: Massaranduba.
      1. Design: Extreme ribbed plugs.
         1. Manufactured with Tolerance Absorbing Rings to help fill the void in a hole that is not drilled perfectly round.

\*\* NOTE TO SPECIFIER \*\* Select size required. Delete sizes not required.

* + - * 1. Size: 3/8 inch diameter.
        2. Size: 10 mm diameter.
        3. Size: 12 mm diameter.

\*\* NOTE TO SPECIFIER \*\* Select species required. Delete species not required.

* + - * 1. Species: Cumaru.
        2. Species: Tigerwood.
        3. Species: Ipe.
        4. Species: Garapa.
        5. Species: Massaranduba.

\*\* NOTE TO SPECIFIER \*\* When applied to the top of deck joists JoistTape creates a waterproof seal that helps stop decay and wood rot. It self-seals around fastener screws blocking the primary pathway for water infiltration into deck joists. Likewise, it helps with noise reduction of squeaky deck boards. Place between ACQ, CA-B, or ACZA treated lumber and metal surfaces to create a physical barrier. This prevents the corrosion of the metal surface caused by contact with the chemicals in treated lumber. Delete if not required.

* + 1. Basis of Design: WiseWrap JoistTape by DeckWise:
       1. Malleable polyethylene waterproof wood flashing material, using a rubberized asphalt mastic adhesive.
       2. Roll Size: 3 inch wide by 75 feet long.
       3. Thickness: 35-40 mil.
       4. Waterproof barrier protection.
       5. Prevents water intrusion between surfaces.
       6. Self-seals around screws.
       7. Prevents wood rot.
       8. Extends life of deck and joists.
       9. Corrosion blocker.
       10. Reduces noise.
       11. Made in USA.

\*\* NOTE TO SPECIFIER \*\* Preventing and stopping wood rot is the most important aspect to consider when building a deck. Trapped moisture between surfaces is the enemy and causes wood rot, shortening the wellbeing of your deck. WiseWrap LedgerTape flashing barrier tape is placed on the ledger board and up the wall of the house. Its "super Grip" adhesive sticks tight, keeping water drainage from seeping between the boards. LedgerTape is also perfect for wood deck posts to prevent rot beneath the soil surface. Apply to any wood post such as fence posts and mail boxes to extend their lifespan for many more years. Delete if not required.

* + 1. Basis of Design: WiseWrap LedgerTape by DeckWise:
       1. Malleable polyethylene waterproof wood flashing material, using a rubberized asphalt mastic adhesive.
       2. Roll Size: 12 inch wide by 25 feet long.
       3. Thickness: 35-40 mil.
       4. Waterproof barrier protection.
       5. Prevents water intrusion between surfaces.
       6. Self-seals around lags, bolts, and screws.
       7. Prevents wood rot.
       8. Extends life of ledger board.
       9. Corrosion blocker.
       10. Made in USA.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* 1. DECK TILE SYSTEMS

\*\* NOTE TO SPECIFIER \*\* WiseTile Hardwood Deck Tiles are modular solid Brazilian hardwood tiles that will transform any horizontal surface such as a balcony, an unsightly cracked concrete slab, outdoor shower, rooftop, pool/spa area or even an existing deck into a modern, elegant living space. As an affordable option for home owners, installations are quick, easy and only take hours to install. For sloped roof tops, plazas or uneven installation areas use the DeckWise, Altitudes Pedestal System to install perfectly horizontal decking. Delete if not required.

* + 1. Basis of Design: WiseTile Hardwood Deck Tiles by DeckWise: Modular solid hardwood tiles:
       1. Responsibly harvested.
       2. Assembled with stainless steel screws.
       3. 100 percent all-natural, chemical-free hardwood.
       4. Low-maintenance and naturally resistant to mold, decay, and insects.
       5. Simple to remove, rearrange, and lay in new locations.
       6. Proven to last in extreme hot, dry, wet, and cold climates.
       7. Interchangeable patterns.

\*\* NOTE TO SPECIFIER \*\* Select tile size required. Delete sizes not required.

* + - 1. Tile Size: 12 x 12 inches.
      2. Tile Size: 20 x 20 inches.
      3. Tile Size: 24 x 24 inches.

\*\* NOTE TO SPECIFIER \*\* FSC certified is optional. Delete if not required.

* + - 1. FSC Certified.

\*\* NOTE TO SPECIFIER \*\* Select species required. Delete species not required.

* + - 1. Species: Ipe.
      2. Species: Cumaru.
      3. Species: Tigerwood.
      4. Species: Massaranduba.

\*\* NOTE TO SPECIFIER \*\* WiseTile® Deck Tile Connectors for hardwood deck tiles quickly snap in place, precisely, and accurately over virtually any level hard surface. Pre-fabricated countersunk holes guarantee the fastening of connectors to foundations when using trusted and proper installation methods. Delete if not required.

* + 1. Basis of Design: WiseTile Deck Tiles Connectors by DeckWise: Polyethylene connectors:
       1. Material: Chemical and UV resistant polyethylene resin.
       2. Integrated 3/16 inch gap spacers.
       3. Fasteners: 4 fasteners fit into bottom of deck tile.
       4. Corner pins secure tile placement.
       5. Pre-formed countersunk holes for attaching to substrates.
       6. Elevates deck tile above substrate.
       7. Easily divided into halves or quarters.
       8. Center drain hole provides runoff.
       9. Matte finish for enhanced appearance.
       10. Made in USA.

\*\* NOTE TO SPECIFIER \*\* Select color required. Delete colors not required.

* + - 1. Color: Shadowline Black.
      2. Color: Hardwood Brown.
      3. Color: Concrete Grey.

\*\* NOTE TO SPECIFIER \*\* Give deck tile installations a clean, finished look when transitioning to flooring surfaces. Installing hardwood deck tile trim boards will provide a beautiful eased edge to any deck tile layout. Easy to install they produce a gradual decline which allows for smooth transitions. Delete if not required.

* + 1. Basis of Design: Hardwood Deck Tile Edge Trim by DeckWise:
       1. Predrilled to accept DeckWise Deck Tile Connectors.
       2. 1/4 inch spacer in middle of trim piece for additional support.

\*\* NOTE TO SPECIFIER \*\* Sized to fit tile sizes. Delete sizes not required.

* + - 1. Tile Size: 12 x 12 inches.
      2. Tile Size: 20 x 20 inches.
      3. Tile Size: 24 x 24 inches.

\*\* NOTE TO SPECIFIER \*\* FSC certified is optional. Delete if not required.

* + - 1. FSC Certified.

\*\* NOTE TO SPECIFIER \*\* Select species required. Delete species not required.

* + - 1. Species: Ipe.
      2. Species: Cumaru.
      3. Species: Tigerwood.
      4. Species: Massaranduba.
      5. Responsibly harvested.
      6. Solid hardwood straight and mitered corner pieces.
      7. 100 percent all-natural, chemical-free hardwood.
      8. Low-maintenance and naturally resistant to mold, decay, and insects.
      9. Simple to remove, rearrange, and lay in new locations.
      10. Proven to last in extreme hot, dry, wet, and cold climates.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* 1. DECK TILE PEDESTALS

\*\* NOTE TO SPECIFIER \*\* The DeckWise, Altitudes Pedestal System elevates and levels structural 24"x24" hardwood deck tiles over any sloped or uneven surface to build decking over underutilized spaces. Install deck tiles and pedestals over sloped or uneven rooftops or plazas to hide service pipes, cabling, drains or service ducts without the need to construct extensive sub-framing. Build luxurious decking where it was once impossible.

* + 1. Basis of Design: DeckWise Altitudes Pedestal System by DeckWise: Elevates and levels structural 24 x 24 inch hardwood tiles over sloped or uneven surfaces:

\*\* NOTE TO SPECIFIER \*\* Select minimum height required. Delete heights not required.

* + - 1. Minimum Height: 4-5/32 inches.
      2. Minimum Height: 2-21/32 inches.
      3. Minimum Height: 1-1/2 inches.
      4. Utilizes 4 inch diameter Schedule 40 PVC pipe.

\*\* NOTE TO SPECIFIER \*\* Select base type required. Delete type not required.

* + - 1. Base Type: Screw-jack base.
      2. Base Type: Non-screw-jack base.

\*\* NOTE TO SPECIFIER \*\* Select head type required. Delete type not required.

* + - 1. Head Type: Adjustable self-leveling head, compensates for slopes from 0 to 5 percent slope.
      2. Head Type: Stationary head.
      3. Heads have integrated gap spacers and corner fasteners.
      4. Heads and bases have pre-formed drainage holes.
      5. Maximum safe deck tile pedestal height: 24 inches.
      6. Warranted Live Load: 1,200 pounds.
      7. Resistant to freeze thaw cycles.
      8. 20 percent talc added to polypropylene resin.
      9. Made in USA.

\*\* NOTE TO SPECIFIER \*\* Hardwood deck tiles installed over an elevated building surface utilizing the Altitudes Pedestal must be secured to the top of the pedestal to prevent their uplift from wind and dramatic airflow. The Lockit Down Washer securely locks hardwood deck tiles to the top of each pedestal when inserted into the corner kerf of each deck tile.

* + 1. Basis of Design: Lockit Down Washer by DeckWise: Locks hardwood deck tiles to the top of each pedestal when inserted into the corner kerf of deck tile:
       1. Material: Black oxide coated 305 grade stainless steel insert with glass-filled nylon plastic resin shell.
       2. Oblong center hole in washer allows easy installation.
       3. Screws: 3/32 inch screw included with washer.
       4. Hex Wrench: 3/32 inch hex wrench included in packaging.
       5. Made in USA.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* 1. RAINSCREEN SIDING CLIPS

\*\* NOTE TO SPECIFIER \*\* DeckWise Hidden Siding Fasteners for hardwood rainscreen siding, creates a sleek and upscale appearance. The entire system is designed to significantly reduce siding cupping, twisting, and mold growth due to water penetration. Perfect for both residential and commercial applications, these hidden siding fasteners work with most 5/4 rainscreen hardwood siding profiles. Build luxurious decking where it was once impossible.

* + 1. Basis of Design: DeckWise Hidden Siding Fasteners by DeckWise:
       1. Works with most 5/4 rainscreen hardwood siding profiles.
       2. Comes with 2 installation screw holes to allow for vertical, horizontal, and diagonal siding installation.
       3. Material: 304 grade stainless steel.
       4. No visible fasteners on the surface.
       5. Includes 305 grade stainless steel T15 #8 x 2 inch screws.
       6. Screws installed at 45 degree angle for added hold-down.
       7. Includes 304 grade stainless steel starter clips.
       8. Includes T15 star driver tips.
       9. Made in USA.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* 1. CABLE RAILING COMPONENTS

\*\* NOTE TO SPECIFIER \*\* When choosing the perfect railing for your hardwood deck project, the first consideration must be the outward looking view. Will a railing system cover or block the view from your deck or will it be a contemporary railing? The 3 WiseRail series of 316 grade stainless steel cable railing kits are the perfect choice. Incorporating 1/8" thick cable allows any deck, patio or stairway to have an unobstructed open view. Kits may be installed on most new or existing hardwood 4"x4" posts in exterior, interior, residential, and commercial settings. Fittings and tensioners are sleek, modern and streamlined; not large bulky turnbuckles.

* + 1. Basis of Design: WiseRail 316 Grade Stainless Steel Deck Cable Railing System:
       1. Pre-swaged cable ends for quick installations.
       2. Hardware: 316 grade stainless steel fittings.

\*\* NOTE TO SPECIFIER \*\* Select type of fittings and tensioners required. Delete option not required.

* + - 1. Fittings and Tensioners: Inside to inside.
      2. Fittings and Tensioners: Outside to outside.

\*\* NOTE TO SPECIFIER \*\* Select length(s) required. Delete length(s) not required.

* + - 1. Length: 5 feet.
      2. Length: 10 feet.
      3. Length: 15 feet.
      4. Length: 20 feet.
      5. Length: 25 feet.
      6. Length: 30 feet.
      7. Length: 40 feet.
      8. Length: 50 feet.
      9. Unobstructed outward looking view.
      10. Patented push and pull locks including adjustable bodies.
      11. Virtually maintenance free with no painting.
      12. For use on hardwood decking with 4 x 4 inch wood posts.
      13. Warranty: 10 years.
      14. Made in USA.

\*\* NOTE TO SPECIFIER \*\* All pre-packaged cable rail kits come in multiple lengths and include all the necessary hardware. No matter the cable run length, you will be able to use the non-tensioning push lock or pull lock on the hardware to easily secure cable runs. Our stainless steel cable railing kits are formatted specifically for common dimensioned wood and hardwood end posts without the need for any field swaging tools or equipment. Delete if not required.

* + 1. Pre-Packaged Kits: Basis of Design: WiseRail Pre-Packaged 316 Stainless Steel Deck Cable Rail Kits:
       1. Kit Includes:
          1. Hardware fittings for ends.
          2. All necessary fasteners and washers.
          3. 1/8 inch diameter 1x19 Type 316 stainless steel cable.
          4. Installation instructions.

\*\* NOTE TO SPECIFIER \*\* Select kit(s) required. Delete kit(s) not required.

* + - 1. Kit: WiseRail WiseCable Legacy WC-LS: Cable railing on level straight runs.
      2. Kit: WiseRail WiseCable Legacy WC-LSS: Cable railing on a pitch or stair.
      3. Kit: WiseRail WiseCable Estate WC-ES: Cable railing on level straight runs.
      4. Kit: WiseRail WiseCable Estate WC-ES: Cable railing on a pitch or stair.
      5. Kit: WiseRail WiseCable Heritage WC-HS: Cable railing on level straight runs.
      6. Kit: WiseRail WiseCable Heritage WC-HS: Cable railing on a pitch or stair.

\*\* NOTE TO SPECIFIER \*\* Select length(s) required. Delete length(s) not required.

* + - 1. Length: 5 feet.
      2. Length: 10 feet.
      3. Length: 15 feet.
      4. Length: 20 feet.
      5. Length: 25 feet.
      6. Length: 30 feet.
      7. Length: 40 feet.
      8. Length: 50 feet.

\*\* NOTE TO SPECIFIER \*\* Stainless steel cable rail accessories and tool assemblies for installing infill on interior railings, exterior deck railing or fences for both commercial and residential railing applications. Delete if not required.

* + 1. Cable Rail Accessories:
       1. Made in USA.

\*\* NOTE TO SPECIFIER \*\* Select accessories required. Delete accessories not required.

* + - 1. Stainless steel post protector tube.
      2. Cable release key.
      3. Stainless steel crown end cap.
      4. Cut-off tool.
      5. Light-duty cable cutter.
      6. Heavy-duty cable cutter.
      7. Cable gripping pliers.
      8. Cable release key.
      9. Light-duty hanger bolt driver.
      10. Anodized aluminum cable brace.
      11. Anodized aluminum cable brace for stairs.

1. EXECUTION
   1. EXAMINATION
      1. Do not begin installation until substrates have been properly prepared.
      2. Verify support framing is ready to receive decking. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.
   2. PREPARATION
      1. Clean surfaces thoroughly prior to installation. Coordinate placement of bearing or support items.
      2. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.
   3. INSTALLATION
      1. Install in accordance with manufacturer's instructions, approved submittals and in proper relationship with adjacent construction. Install accessories as recommended by manufacturer.
   4. CLEANING AND PROTECTION
      1. Protect installed products until completion of project.
      2. Protect from damage during construction operations. Promptly repair any damaged surfaces. Remove and replace work which cannot be satisfactorily repaired.
      3. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION