



Natural wood
Made to last

Installation Guide



Kebony Fastenator

Please read these guidelines carefully, and if you have any questions, **e-mail: info@kebony.us** or **call: +1 833.795.8660**

www.kebony.us
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Preparing for Installation

SAFETY GUIDELINES

Building a deck is a construction project, therefore you should wear protective clothing and safety equipment such as safety glasses, gloves, long sleeves, and a mask, particularly when cutting wood.

The installer is responsible for identifying and following all building codes and construction safety practices. Kebony accepts no liability or responsibility for the improper installation of this product.

Kebony decking may not be suitable for every application, and it is the sole responsibility of the installer to be sure that Kebony decking is fit for the intended use. Because all installations are unique, it is also the installer's responsibility to determine specific requirements for each deck application.

Kebony recommends that all applications be reviewed by a licensed architect, engineer, or local building official before installation.

STORAGE GUIDELINES

Kebony should not be exposed directly to the elements before installation. Kebony should be kept enclosed in its original packaging or re-wrapped if previously opened. Ideally, Kebony should also be stored indoors or under cover. Additionally, it's good practice to flip over (reverse) the top boards so that they are face down, i.e. the top face of the board is not directly exposed to the elements. This will help reduce the likelihood of having boards with different degrees of fading.

Ground Clearance: Please refer to the Ground Clearance document available on the Kebony.us website.

Metal Fixture Considerations: Kebony can be fastened to, or be in contact with aluminum, enameled, powder-coated or foiled fixtures without concern for discoloration. In some cases, surface water run-off from Kebony wood can result in the discoloration of adjacent materials. For example, it could cause black stains on zinc fixtures or polished copper.

Drainage and run-off from galvanized or iron-based fixtures onto Kebony can result in black discoloration of the wood. With respect to metal framing, it is important to ensure that there is no direct contact between Kebony and the exposed metal surfaces. This may require the use of a G-tape or some sort of butyl tape to create a separation between the metal and the boards.



Water run-off from Kebony onto copper parts may result in color variations on the copper surfaces. While copper normally goes through surface oxidization to a dark green or black surface color, Kebony will keep copper shiny with the original copper color on the affected surfaces.



RECOMMENDED TOOLS & EQUIPMENT



Electric Saw (Table, Chop etc.)

- 72-tooth or greater saw blade with carbide teeth



Miter saw

- 72-tooth or greater saw blade with carbide teeth

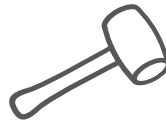


Drill (Cordless or Corded)

- With Carbide Drill Bit for Pre-Drilling



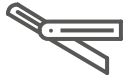
Ladders and/or scaffolding



Rubber Mallet



Level



T-bevel



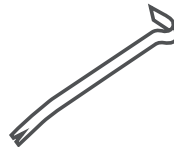
Hammer



Chalkline



Laser Level



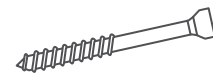
Utility Knife



Measuring Tape



Pencil



Trim Head Stainless Steel Screws
(Or Starborn Pro Plug® System for Kebony Clear)



KEY GUIDELINES BEFORE YOU START

- Framing should be square
- Framing should be level within 1/8" (3 mm)
- Each board must be secured across a minimum of 2 spans. This means that each board must be secured to a minimum of three joists
- Butt Joint Inline boards require additional framing on both sides of the main joist for use with 4 Fastenators in total (sistering)
- Follow the span ratings set out in ICC-ESR-3756 available on our Technical Data page

Using the Fastenator™ System

- a. Install a #2638 one-side grooved Kebony Deck Outer Board using the Pro Plug System for Kebony on the outer edge of the board. Screw down the outer edge at every joist location while ensuring that you are at least 1" away from the board edge.
- b. Do not overhang #2638 one-side grooved Kebony Deck Board over joists by more than 1" (25 mm) widthwise and 2" (51 mm) lengthwise.
- c. Always place one Fastenator in the slot in the board edge at every joist, between deck boards, regardless of the joist spacing. (Side-to-side spacing is maintained by the Fastenator hidden fastening clips.)
- d. Use a #7 x 2-1/4" stainless steel screw through the center of the Fastenator hidden fastening clip at a 90° angle (or use a Fastenator hidden fastening clip with a pre-installed #7 x 2 1/4" star drive trim head screw).
- e. Starting at one end, slide the next #2637 two-sides grooved Kebony Inner Deck Board onto the exposed Fastenator of the first board and install a single Fastenator at one end of the outboard edge to hold the board in place. If securing to a metal or aluminum joist system, you must change out the provided screws for ones that are suitable for the substrate you are attaching to. Typically this involves a self-tapping screw designed for the substrate being.
- f. For every deck project, it is important to ensure that the boards are straight and parallel, to each other. One option is to stand on the new board and straddle each joist, then gently tap it tight into the clip with a non-marring dead blow hammer while also positioning a scrap piece of lumber between the hammer and the deck board edge.



There are several alternative ways to ensure that the boards are laid down straight and parallel to each other. You can use a tool that straightens and locks-in boards, such as Lever by Camo, BoWrench Deck Tool by CEPCO, or the Hardwood Wrench™ Deck Board Straightener by DeckWise, for example.

Repeat steps “c” through “f” for the remaining boards, installing Fastenators at each joist.

g. Always face-fasten the outermost edge of the first and last board with the Pro Plug System for Kebony.

h. For butt joints, add blocking (sister boards) on both sides of the main joist so that you can fit the full length of two Fastenators.

Helpful Hints:

- Store hidden fastening clip indoors before use. Fastenators install best between 40°F and 80°F (4°C and 27°C).
- Use a non-marring dead blow hammer as necessary to tap the hidden fastening clip into the slot.
- A non-marring dead blow hammer, Lever by Camo, BoWrench Deck Tool by CEPCO, or the Hardwood Wrench™ Deck Board Straightener by DeckWise, can also be used to help secure the next board into place.
- If the joists are uneven, apply pressure to the Kebony Deck Board where it does not touch the joist. As pressure is being applied, tap the board into the Fastenator using the non-marring dead blow hammer.
- In the case of a low joist, shim the Fastenator as necessary to seat in the slot in the edge of the Kebony Deck Board.
- Take a measurement of the total width of the installed boards to make sure they are parallel every 3-4 courses.
- Walking along joists and non-secured deck boards can be dangerous and is therefore not recommended.

