

**SAFETY:**

To reduce risk of injury, follow the instructions of your power tool manufacturer and use safety glasses.

**WARRANTY:**

Starborn guarantees the performance of the Pro Plug® System for PVC and Composite. For more information, see: [www.starbornindustries.com/warranty](http://www.starbornindustries.com/warranty)

*Also available from Starborn:*

**PRO PLUG® SYSTEM**

Hidden Fasteners with Screw Down Strength

**FOR WOOD**

Decking and flooring kits available in many hardwood species.

**Drill, Screw, Glue & Plug  
in under 20 Seconds!**

for more information visit  
[www.starbornindustries.com](http://www.starbornindustries.com)

Starborn Industries, Inc.  
Edison, NJ 08837 USA  
[www.starbornindustries.com](http://www.starbornindustries.com)

**STARBORN.****PRO PLUG® SYSTEM**

Hidden Fasteners with Screw Down Strength

**FOR PVC AND COMPOSITE****INSTALLATION  
GUIDE**

## INSTRUCTIONS FOR USE:

1. Insert the appropriate driver bit into the Pro Plug® PVC/Composite Tool. The “Deck” bit is for PVC or composite decking; the “Trim” bit is for PVC trim.

2. Drive the Pro Plug® PVC/Composite Screw with the PVC/Composite Tool in a straight and stable fashion perpendicular to the work surface. The screw is set when the Auto-Stop™ mechanism engages fully. In most materials, the tool makes a “pop” sound when the screw is set to the correct depth.

3. Insert the plug into the hole above the fastener and tap into place with a smooth face steel hammer until it is flush with the deck or trim surface. Keep hammer head flat with the board to prevent surface marring.

*Replacing Driver Bits:* Disconnect power and retract tool fully; remove bit with pliers. To insert a new bit, retract tool fully and insert bit all the way into tool. Tip: rotate bit slightly while inserting.

### **Pre-drill a 3/16” pilot hole through the decking material (not the joist):**

1. Read and follow all instructions provided by the decking manufacturer, including fastener spacing and specific pre-drilling instructions (at board ends and other locations).
2. Always test the Pro Plug® System for PVC and Composite first to make sure you approve of the appearance and function. If you are unsatisfied or have any concern, do not proceed further. Instead, contact us by telephone: 800-596-7747.

### **ADDITIONAL NOTES:**

**1. Types of screws:** The Pro Plug® System for PVC and Composite is available with Epoxy Coated Carbon Steel, Grade 305 Stainless Steel, Marine Grade 316 Stainless Steel, or Grade 410 Stainless Steel for metal framing. Follow the deck/trim manufacturer’s recommendation when choosing stainless steel or epoxy coated versions of the Pro Plug® System for PVC and Composite. Use stainless screws where expansion and contraction is a concern. For applications near water use Grade

305 stainless Pro Plug® PVC/Composite Screws. For applications where corrosion from salt water, salt air or chemicals is a concern, use Marine Grade 316 stainless Pro Plug® PVC/Composite Screws.

2. The Pro Plug® System for PVC and Composite is available with screws for wood or metal substructures. Screws for metal have a self-drilling point and can be used in steel or aluminum up to 5/32” (4mm) thick.

3. Pro Plug® PVC Trim Kits are designed for use with 5/8” to 1-1/4” thick trim boards.

4. The PVC/Composite Tool must be used to set the PVC/Composite screw (with either the “Deck” or “Trim” bit depending on the application) to the correct depth.

5. **Do not use the PVC/Composite Tool with an impact driver.** Standard drills are recommended.

6. Use an 18V (or higher) cordless drill on the highest speed setting.

7. Drive the screw at high speed with the PVC/Composite Tool until the Auto-Stop™ mechanism engages; do not hesitate or slow down.

8. Boards should be kept dry and holes free of debris before inserting plugs. Insert plugs shortly after setting screws. Do not leave overnight or let moisture get into the holes.

9. To remove plugs: drive a screw into the plug and pull out.

10. Follow deck/trim manufacturer’s instructions for all installation procedures, including pre-drilling at board ends if necessary.

11. Deck/trim boards may vary in color. Test the Pro Plug® System on a scrap piece to ensure you approve the final look and color.

12. The Pro Plug® System consists of several parts designed to work together as a system with a specific deck or trim board. All parts must be used together, as instructed, to ensure proper function.