

Power Pro 116825

Power Pro Premium One Multi-Material Flat Head Screws Instruction Manual

Model: 116825

INTRODUCTION

The Power Pro Premium One Multi-Material Flat Head Screws are engineered for secure fastening across various materials. These screws are designed for high performance and improved results, suitable for wood, metal, concrete, drywall, and plastic applications. This manual provides essential information for proper use and understanding of the product.

PRODUCT FEATURES

- **Multi-Material Compatibility:** Designed for securely fastening wood, metal, concrete, drywall, or plastic materials.
- **No Pre-Drilling Required:** Eliminates the need for pre-drilling in wood, drywall, plastic, or metal up to 20 gauge thick. Pre-drilling is recommended for concrete or masonry applications.
- **Innovative Design:** Features flat head for easy countersinking, star drive for reduced cam-out, spiral flutes for superior torsion and pull-out strength, hi-lo serrated threads for increased installation speed, and a 3-sided pyramid point for fast penetration.
- **Enhanced Corrosion Protection:** Coated with an exclusive natural-based exterior epoxy coating providing four layers of corrosion protection.
- **Convenient Packaging:** Comes in a durable, reusable, reclosable, and stackable case. Includes a free Pro-Stik drill bit.



Image: Close-up view of a Power Pro Premium One Multi-Material Flat Head Screw, highlighting its flat head, star drive, and threaded body.

SETUP AND INSTALLATION

1. **Select the Correct Screw:** Ensure the screw length is appropriate for the materials being joined.
2. **Prepare the Driver:** Use an impact driver or drill with the included Pro-Stik drill bit (T20 size) for optimal performance and to prevent cam-out.
3. **Material-Specific Guidance:**
 - **Wood, Drywall, Plastic, Metal (up to 20 gauge):** No pre-drilling is typically required. Drive the screw directly into the material.
 - **Concrete or Masonry:** Pre-drilling is recommended. Use a drill bit that is 1/4" longer than the screw length. Refer to the drill bit size chart on the product packaging for specific recommendations (e.g., #8 screw requires 1/8" drill bit).
4. **Driving the Screw:** Apply steady, firm pressure while driving the screw to ensure proper engagement of the threads and to achieve a flush finish with the flat head.

Reusable - Reclosable - Stackable

POWERPRO®

ONE®

Multi-Material

Múltiples materiales

Engineered for optimum performance in multiple materials, Power Pro One™ Screws are the One Screw you'll ever need!

Los tornillos Power Pro One™ están diseñados para ofrecer rendimiento óptimo con múltiples materiales. ¡Son los únicos tornillos que va a necesitar!



Flat Head - Easy & clean countersinking in wood.



Star Drive - Star Drive and Pro-Stik™ bit prevent cam-out and increase stability while driving.



Spiral Flutes - Superior torsion & pull-out strength in wood and concrete. 1-1/2" & longer screws have this feature.



Serrated Hi-Lo Threads - Increase installation speed while reducing drive torque.

Pyramid Point - 3 sided point drives fast through wood and acts like a drill when penetrating metal up to 20 gauge thick.

Recommended for exterior projects and treated lumber.

Patented Technology

Not recommended for marine applications or projects within 5 miles of coastal waters. Stainless steel fasteners are recommended for use in these applications.

*Concrete and masonry applications require a pre-drilled hole that is 1/4" longer than screw length (see drill bit chart). In metal up to 20 gauge thick, no pre-drilling is required.

See www.hillmangroup.com for product warranty information.

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Made in Taiwan
Hecho en Taiwan

Item #116825
LOT # AA180831052

Screw Size	Drill Bit Size
#8	1/8"
#9	9/64"
#10	5/32"
1/4"	3/16"



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Reusable - Reclosable - Stackable

Image: Rear view of the product packaging, detailing screw specifications and recommended drill bit sizes for various applications.

OPERATING INSTRUCTIONS

The Power Pro Premium One Multi-Material Flat Head Screws are designed for straightforward operation.

- **Tool Compatibility:** Use with standard power drills or impact drivers. The star drive head is designed to minimize cam-out, providing a more secure and efficient driving experience.
- **Material Penetration:** The pyramid point facilitates fast penetration into various materials. For harder materials like concrete, ensure pre-drilling is performed as recommended in the Setup section.
- **Countersinking:** The flat head design allows for easy countersinking, providing a flush finish with the surface of the material.



Image: Detailed view of the star drive head, designed for secure bit engagement and reduced cam-out during installation.

MAINTENANCE

These screws are designed for durability and minimal maintenance.

- **Corrosion Protection:** The exclusive natural-based exterior epoxy coating provides four layers of corrosion protection, making these screws suitable for outdoor and exterior applications.
- **Storage:** Store unused screws in their original durable, reusable, reclosable, and stackable case to protect them from environmental elements and maintain their condition.
- **Environmental Considerations:** Not recommended for marine applications or projects within 5 miles of coastal waters. Stainless steel fasteners are recommended for such applications.



Image: Front of the product packaging, showcasing the "Premium Exterior Coating" feature and the multi-material application.

TROUBLESHOOTING

The Power Pro Premium One Multi-Material Flat Head Screws are designed for reliable performance. If you encounter issues during installation, consider the following:

- **Difficulty Driving:** Ensure you are using the correct T20 Pro-Stik drill bit. For very dense hardwoods or concrete/masonry, pre-drilling is essential.
- **Screw Not Seating Flush:** Verify that the material is not excessively hard for direct driving. Ensure consistent pressure is applied during installation.
- **Cam-out:** The star drive head is designed to minimize cam-out. Ensure the driver bit is fully seated in the screw head before applying torque.

SPECIFICATIONS

Model Number	116825
Screw Type	Multi-Material Flat Head Screws
Material	Steel
Exterior Finish	Bronze (Epoxy Coated)
Size	#8 x 1-1/4 inches
Thread Size	#0
Head Style	Flat Head, Star Drive (T20)
Quantity per Box	194 Screws
Product Dimensions	1.25 x 3.5 x 5 inches (packaging)
Weight	1.17 Pounds (packaging)
Manufacturer	The Hillman Group

WARRANTY AND SUPPORT

Limited Lifetime Guarantee: Power Pro Premium One Multi-Material Flat Head Screws are backed by a limited lifetime guarantee. Refer to the product packaging for full details regarding the terms and conditions of this guarantee.

Manufacturer Support: For additional product information, support, or warranty inquiries, please contact The Hillman Group.

Website: www.hillmangroup.com