



Product Features
and Description

A Premium All Purpose Interior / Exterior Wood Screw

- Features: Phillips Square-Driv® with ACR®
Double Head Transition
Durafast® Proprietary Coating



Description: Custom double-transition, flat head, wood screw with proprietary coating and patented Phillips Square-Driv® ACR® recess

Product Benefits

Phillips Square-Driv® with ACR®

- Anti-Camout Ribs on the driver bit and inside the screw recess offer:
- Higher torque with less operator pressure
 - Head recesses that won't strip
 - Less operator fatigue
 - Off-Angle driving ability



Double Head Transition

- There is 35% more steel under the screw head where most screws snap.
- Phillips screws won't snap.



Durafast® Proprietary Coating

- Developed for various types of wood, Evercote offers exceptional corrosion resistance against moisture and wood enzyme corrosives.
- 100% Lifetime Guaranty Will Not Rust (in pine, cedar, redwood, and pressure treated)

Product Finishes

Phillips Square-Driv screws are available in three Durafast® colors*. Under the Durafast is a layer of zinc coating covered with yellow chromate. The combination of these protective finish coatings yield a corrosion resistance recommended for use in pressure treated lumber (ACQ,CCA & CA).

Tan

Developed to color match light brown woods and formulated for pine or cedar.

Green*

Developed for all pressure treated lumber.

Red*

Developed for redwood and red western cedar.

Stainable and Paintable

Durafast was developed to accept wood stains and paint for a customized look.

* green and red screws may not be available in certain regions.

Product Configurations
and Applications

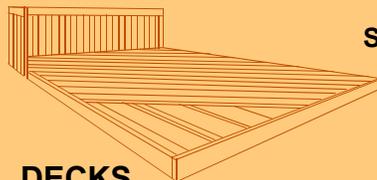
Size	Pkg. Size	Applications
# 7 x 1 - 1 / 4" **	1 lb	Cabinets, Balusters, Furniture, Flooring, 3/8" O.S.B, Shelf Brackets
# 8 x 1 - 5 / 8"	1lb, 5 lb	Cabinets, Balusters, Furniture, Fence Slats, Underlayments, Cement Board
# 9 x 2"	1lb, 5 lb	Cabinets, Balusters, Railing Systems, Fence Slats, Hobby Projects
# 9 x 2 - 1 / 2"	1lb, 5 lb, 25 lb	5/4 Decking Board, Docks, Cabinet Securing, Furniture
# 9 x 3"	1lb, 5 lb, 25 lb	2x4 or 2x6 Decking Boards, Fence Posts, Furniture, Stair Systems
# 9 x 3 - 1 / 2"	1lb, 5 lb	"Toe-Nailing", Furniture, Cabinet Securing, All-Purpose

Driver Bits:

PSD2-2 2" Long	2 pack	For driving all Phillips Square-Driv Screws
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** available in limited areas

Typical Project
Quantity Requirements



DECKS

Top Boards:

- Use #9 x 2-1/2" for 5/4 board
Use #9 x 3" for 2x4 or 2x6

Deck screw quantity is based on 3 screws for every 16" of board. Always check your local building code for proper compliance.

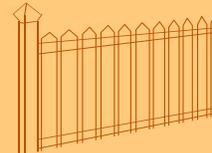
Screw/Deck Size/Qty.

#9 x 2-1/2"

- 8' x 8' = 4 lbs
8' x 12' = 6 lbs
12' x 12' = 8 lbs
12' x 16' = 11 lbs

#9 x 3"

- 8' x 8' = 5 lbs
8' x 12' = 6 lbs
12' x 12' = 9 lbs
12' x 16' = 12 lbs



FENCES

Slats to Rails:

- Use #9 x 1-5/8"
Or #9 x 2"

Rails to Posts:

- Use #9 x 3"

Screw/Fence Lgth./Qty.

#8 x 1-5/8"

- 1 lb = 14 feet
5 lb = 70 ft
25 lb = 350 ft

#9 x 2"

- 1 lb = 10 ft
5 lb = 54 ft
25 lb = 270 ft

Fence screw quantity is based on 6 screws per slat.

Product Specifications

Finish

Pre-Finish 1: Zinc Plating
Pre-Finish 2: Yellow Chromate
Final Finish: Durafast[®] Coating

Corrosion Resistance*

1,500 hours salt spray
30 cycles keesternich

Material

SAE C1022 Hardened Steel

Threads

Course steep cut fast drive

* less than 10% red rust

Product Strength

7 x 1-1/4
8 x 1-5/8"
9 x 2"
9 x 2-1/2"
9 x 3"
9 x 3-1/2"

Tensile

255 lbs
594 lbs
697 lbs
759 lbs
1,110 lbs
1,355 lbs

Shear

151 lbs
160 lbs
180 lbs
180 lbs
180 lbs
272 lbs

The above values are based on in-house testing of production product. Tests were conducted to evaluate screw strength only and do not represent holding strength. Screws are not designed for use in metal hangers, railing supports or for structural applications. Consult your building code for proper fastening methods

Drive Specifications

Phillips Square-Driv[®] with ACR[®]

Phillips Square Drive with Patented Anti-Camout Ribs (ACR). ACR ribs are located on the driver bit and in the screw recess providing higher driving torque even in off-angle driving situations. "Stick Fit" holds the screw firmly to the driver bit.



Drives best with PSD2-2 driver bits

Drive Size: PSD2-2

Drive Compatibility:

Phillips Square-Driv screws can be driven with the following standard driver bits: Phillips, Phillips Square Drive, or Robertson Square Drive

Torque Comparisons:



Phillips Square-Driv with ACR offers more than twice the driving torque than a standard Phillips screw driven with the same end load. #8 screw (1lb end load) = 41 inch pounds

Product Quality

ISO 9001 Quality & Process Controls

Our screws are manufactured in ISO 9001 certified facilities. Tight controls are placed on all critical processes. Strict conformance assures that every screw is of the highest quality.

Additional Assurance of the Highest Quality

Every shipment of Phillips screws is inspected for the following:

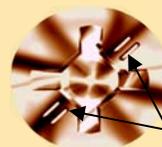
- breaking torque**
- driving torque**
- tensile strength**
- salt spray**
- ductility**
- pkg. quantity**
- stick-fit**
- color**
- hardness**

Product Recognition



Recognized by contractors throughout North America. Phillips will make your assembly easier and extend the life of your project.

Look for the Phillips logo on the package and for the Phillips markings on the head.



Phillips Head Markings

About Phillips Fastener

Phillips, the developers of the Phillips Screw, have been engineering the highest quality fastener designs for the aerospace and automotive industries. The ACR patented recess design was first developed for NASA to assure proper screw insertion and removal. It was further developed for the commercial aircraft industry. Now we are please to bring this superb design to the contractor, hobbyist and home owner.

PHILLIPS FASTENER PRODUCTS, Inc.

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