

ACQ Pressure-Treated Wood Fastener Information Sheet

Fasteners (and other metal products) for use with ACQ pressure-treated wood products

- **Hot-Dip Galvanized***

Fastener and hardware manufacturers have suggested the minimum Hot-Dip Galvanized requirements for use with treated wood should conform to the following ASTM Standards: ASTM-A153 (for Hot-Dip fastener products) and ASTM-A653 (Coating Designation G-185 for Hot-Dip connector and sheet products).

- **Stainless Steel**

Stainless steel fasteners and connectors are required for Permanent Wood Foundations below grade and are recommended for use with treated wood in other severe exterior applications such as swimming pools, salt water exposure, etc. - Type 304 and 316 are the recommended grades to use.

- **Other fasteners and hardware as recommended by the manufacturer**

There may be additional products (other than stainless steel or hot-dip galvanized) which are suitable for use with ACQ preserved wood. Please consult with the individual fastener or hardware manufacturer for recommendations for use of their products with ACQ preserved wood.

- **Dry Use Applications**

When ACQ preserved wood is used for interior applications with continuous dry conditions, where the wood in service will remain below 19% equilibrium moisture content, the performance of fasteners, hardware and other metal products in contact with the treated wood should be similar to that experienced with untreated wood.

- **Aluminum should not be used in direct contact with ACQ preserved wood**

Spacer materials or other physical barriers are recommended to prevent direct contact of ACQ preserved wood and aluminum products.

These fastener recommendations are comparable to fastener recommendations from other wood preservative manufacturers of ACQ and Copper Azole.

*Electroplated galvanized fastener and metal products are typically not accepted by the building codes for use in exterior applications, regardless of the type of wood used.

2003 International Residential Code - Fastener Statement - section R319.3



“Fasteners for pressure-preservative treated wood shall be of hot-dipped galvanized steel, stainless steel, silicon bronze or copper. Exception: One-half inch (12.7mm) diameter or greater steel bolts.”

See back of sheet for list of hardware manufacturers that recommend hardware for use with Alkaline Copper Quaternary treated wood.

List of hardware manufacturers that recommend hardware for use with Alkaline Copper Quaternary treated wood*

Manufacturer	Product Type
Alum-A-Pole Corporation	Pro-Trim Vinyl Flashing Products
Compass International	Lifecoat®, Pluscoat II
Crown Bolt, Inc.	Hot Dip (meets ASTM A153) Galvanized Hex & Carriage Bolts, Lag Screws, Nuts & Washers
Crown Bolt, Inc.	Stainless Steel Hex & Carriage Bolts, Lag Screws, Nuts & Washers
DESA	Washed and Non-Washed Fasteners Model Numbers 103071, 103072, 103073, 77560, 77562, 77563, 097180 01, 097181 01 & 58050 thru 58053
Dubai Wire	Stainless Steel & True Hot Dip Galvanized Nails
Fanaco® Fasteners	Stainless Steel Fastener Products, Hot-Dipped Galvanized, ASTM A-153
Fasco/Beck	Stainless Steel Fastener Products
FASTAP Inc.	FASTAP Plus with DuraCoat XT Exterior Screws
Fastec Industrial Corp.	Hot-Dipped Galvanized, ASTM A-153, Lag Screws, Carriage Bolts, Washers and Nuts. Proprietary FX-2™ Coated Screws, 304 and 316 Stainless Steel Fasteners.
GRK Fasteners	GRK Climatek Coated Screws
The Hillman Group	Hillman Stainless Steel Screws & Hillman Ceramic Coated Screws
Hitachi Powertools	Hitachi Hot Dip Galvanized and Stainless Steel Fasteners
ITW Buildex	DEC-KING® Wood Screw with Climacoat, GYP-FAST Nail with Climacoat, Tapcon® Concrete Anchor with Blue Climaseal, Roofgrip® with Spex & Wood-To-Metal TEKS®
ITW Ramset/Red Head	Hot-Dipped Galvanized, Type 304 & 316 Stainless Steel Trubolt Wedge Anchors; & Type 304 Stainless Steel Dynabolt Sleeve Anchors
Maze Nails	Double Hot-Dipped Zinc Coated Stormguard® Nails & Case-Hardened, hot-dipped cut nails
National Manufacturing of Canada	Kwiki Premium Plus and Kwiki Premium Xtra Deck Screws
National Nail Corporation	Profit™ Platinum Series ProTech Coated Premium Screws
National Nail Corporation	Profit™ Platinum Series Stainless Steel Premium Screws
Olympic Manufacturing Group, Inc.	Fasten Master Guard Dog Pressure Treated Deck Screws
Osmose	ProDrive Outdoor Screws
Paslode	Hot Dipped Galvanized, RoundDrive Hot Dipped Galvanized Plus, TLN treated Lumber Nail & DUO-FAST Hot Dip Galvanized Fasteners
Phillips Fastener Products, Inc.	DeckMate® Screws with Evercote® Coating
Phillips Fastener Products, Inc.	Phillips II® Screws with Durafast® Coating
Plating Technology, Inc.	PT2000 Screws & PT2000 Nails
POWERS FASTENERS, Inc.	Perma-Seal Coated Anchors & Fasteners, Stainless Steel Anchors & Fasteners
Primesource Building Products	PrimeGuard Plus - Coated Screws, Stainless Steel Fasteners & A153 Collated Fasteners
Quick Drive USA, Inc.	QuickGard and N2000 Coated Screws
Renown Specialities Co., Ltd.	TIMBERTIE® Triple-Zinc G-185 Lumber Connectors
R. H. Tamlyn & Sons, LP	G-185 and #316 Stainless Steel Connectors
SENCO Products, Inc.	Stainless Steel Nails, Staples & Screws, Hot-Dipped Galvanized Nails & Weatherex® 3 Screws
Simpson Strong-Tie® Co., Inc.	ZMAX (G-185) Hot-Dip Galvanized (Min.) or Stainless Steel Connectors (Max.)
Stanley Bostitch®	THICKCOAT™ Galvanized Coil and Stick Framing & Metal Connector Nails
Stanley Bostitch®	Stainless Steel and Hot Dipped Galvanized Nails
Starborn Industries, Inc.	Headcote Color Coated Heads Stainless Steel Screws
STEELHEAD Fasteners	304 Stainless Steel Nails & Staples and Hot Dipped Nails for pneumatic tools
Swan Secure Products	Swaneze Deck Screws - 304 and 316 Stainless Steel
Swan Secure Products	A.F.D. Nails - 304 and 316 Stainless Steel
Swan Secure Products	Swan Stainless Steel Nails for pneumatic nail guns
USP Structural Connectors™	Triple Zinc G-185 Connectors (Min.) or Stainless Steel (Max.)
York Manufacturing, Inc.	York Shield 106 Flashing & Termite Shield

View an updated list of recommended fasteners at www.ufpi.com

* This information sheet contains general information only. Please refer to hardware manufacturer's product literature or website for manufacturer's recommendations and further information.

