

## Important DUO-FAST® Announcement

To: DUO-FAST® Distributors  
Paslode® Personnel

### Subject: Pressure Treated Lumber Applications

As of January 1, 2004, the Pressure Treated Lumber industry will convert to a new chemical formulation for all pressure treated lumber. This new formulation will replace the current CCA product formulation. The new product is commonly referred to as ACQ and Copper Azole (CBA). This change will have an impact on the collated fastener industry, because Electro-galvanized fasteners will no longer be accepted for use in pressure treated lumber.

The following codes and/or industry recommendations apply to this new treated lumber product:

Industry/Code:	Recommended Fasteners:
Treated Wood Industry	<ul style="list-style-type: none"> <li>• Stainless Steel</li> <li>• Hot Dip Galvanized</li> </ul>
International Building Code	<ul style="list-style-type: none"> <li>• Stainless Steel</li> <li>• Hot Dip Galvanized</li> <li>• Copper</li> <li>• Silicon-bronze</li> </ul>
Building Code Evaluation Services <i>Per Evaluation Reports NER 628 and NER 643</i>	<ul style="list-style-type: none"> <li>• Stainless Steel</li> <li>• Hot Dip Galvanized</li> </ul>

**Note:** Local codes may vary, always check and follow the local code requirements. In all cases, the Hot-Dip Galvanized fastener specified must meet the **ASTM A 153, Class D** standard, which calls for 1 oz. of zinc coating per square foot.

Paslode® currently offers the following **DUO-FAST® Hot-Dip Galvanized fasteners** that meet the Zinc coating thickness requirement of ASTM A 153, Class D:

<u>Part Number</u>	<u>Item</u>	<u>Description</u>
1015343	SL15HDG	3" X .120" Screw
1015345	SL22HDG	2-1/2" X .131" Common
1015346	SL33HDG	3" X .131" Smooth
1015347	SL34HDG	3-1/4" X .131" Smooth
1015344	SL408HDG	3" X .120" Ring
533695	CS200HDG	2" X .095" Coil Smooth Double HDG
1015436	CS250HDG	2½" X .096" Coil Smooth HDG

Therefore, based upon the recommendation of the industry, the above DUO-FAST Hot-Dip Galvanized fasteners fully meet the industry requirements and are acceptable for use in pressure treated lumber. Within the next 45 days we will begin labeling DUO-FAST Hot-Dip Galvanized fastener boxes with a sticker that identifies these products as acceptable for use in all pressure treated lumber.

The following DUO-FAST fasteners are currently electro-galvanized.

<u>Part Number</u>	<u>Item</u>	<u>Description</u>
1015220	SL9G	2-3/8" X .113"
1015204	SL8G	2-3/8" X .113" Ring
1015221	SL409G	3-1/4" X .131" Screw
1014263	SM617G	3" X .120" Ring
1014259	SM612G	3" X .131"
1014260	SM613G	3-1/4" X .131"
1014262	SM615G	3" X .120"
1014257	SM609G	2-3/8 "X .113"

These fasteners will be converted to Hot-Dip galvanized product by January 15, 2004 and will therefore meet the ASTM A 153, Class D coating weight requirement and comply with industry requirements for use in pressure treated lumber.

Paslode is also adding a new series of DUO-FAST coil nails for fastening pressure treated lumber in more aggressive applications such as fencing and recreation decks. These fasteners will be available by the 2<sup>nd</sup> quarter of 2004. These fasteners will have more convenient packaging counts and include the following:

<u>Item</u>	<u>Description</u>	<u>M/Ctn</u>	<u>M/Coil</u>
CS176SS	1-7/8" X .086" Ring Stainless Steel	3.6	300
CS177HDG	1-7/8" X .086" Smooth Hot Dip Galv	3.6	300
CS178HDG	1-7/8" X .086" Ring Hot Dip Galv	3.6	300
CS214HDG	2-1/4" X .092" Smooth Hot Dip Galv	3.6	300
CS225HDG	2-1/4" X .092" Ring Hot Dip Galv	3.6	300
CIL67HDG	1-1/2" x .086" Ring Hot Dip Galv	16.0	3000
CI66HDG	1-3/4" x .086" Ring Hot Dip Galv	9.0	300
CI67HDG	1-1/2" x .086" Ring Hot Dip Galv	10.8	300

Over the last year, we have worked closely with the main chemical suppliers of this new formulation to stay informed about how ACQ and CBA will interact with fasteners. We have also tested our products in combination with this new treated lumber **internally and with an independent, Third Party laboratory**. All of the testing has shown that the DUO-FAST **HDG** fasteners are acceptable and perform well in pressure treated lumber applications.

Paslode is also working closely with the treated lumber and collated fastener industries to establish an acceptable corrosion test that can become the "industry standard" and thus a test by which all products are measured. Developing this standard is going to take some time and is extremely important. We will continue be an active participant in this process.

Currently there are numerous parties providing test performance information for non-HDG fastener products. Paslode does not believe this data is representative of the real in-place performance in pressure treated lumber.

**Salt Spray (ASTM-B117)**- Paslode does not believe that this is a representative test because it measures the fastener resistance to salt corrosion, not wood corrosion. The salt spray test is representative of direct salt-water coastal exposure and winter road conditions that are entirely different from the corrosive chemical reaction that will be experienced in pressure treated lumber. The corrosion mechanism triggered by the salt spray is not the same as the corrosion mechanism triggered by preservative treated wood chemistries. How well a product performs in salt spray is no indication of how well it will perform in treated wood.

**Prohesion (ASTM-G85)** - This is a different version of a salt spray test that alternates wet and dry cycles. This type of test is best for representing the corrosion resistance in coastal environments. Again, the corrosion mechanism triggered by the salt spray is not the same as the corrosion mechanism triggered by preservative treated wood chemistries.

Paslode is committed to providing you and the end user with fastening solutions for all applications and this will continue to be our goal. We will continue to stay informed and involved with the treated lumber and collated fastener industries. We will also continue to look for ways to improve our DUO-FAST product line. We will continue to communicate information as it becomes available.

**Please Remember:** The current DUO-FAST **Hot Dip Galvanized** fasteners are acceptable for use in applications using pressure treated lumber.

**Please make sure you pass this information on throughout your company and where appropriate to your dealers.**

Thank you for your continued support of DUO-FAST products. If you have any questions, please contact your local DUO-FAST Sales Representative.

Sincerely,

Patrick Talano  
Product Specialist, Framing