CORROSION RESISTANT TRIM COIL

ISOCOIL®
TREATED COIL FOR TREATED LUMBER

TruCoil

quality edge®
Now you can professionally trim around windows, patio doors, entrances, decks and any other areas using ACQ lumber, without worrying about corrosion problems. IsoCoil® TruCoil provides a barrier of protection against corrosion to ensure:

- A LONG-LASTING CORROSION RESISTANT, WATERPROOF COATING
- A TOUGH-WEARING FINISH WITH UV PROTECTION
- GREATER CUSTOMER SATISFACTION
- REDUCED CALL-BACKS
- PROTECTION FOR YOUR QUALITY REPUTATION

Understanding corrosion of metals can make or break building structures

When two dissimilar metals come together in the presence of an electrolyte, they form an electrical or “galvanic couple”. In building situations, the electrolyte is usually ordinary moisture like rainwater.

When the two metals are in contact, an exchange of electrons takes place – the intensity and direction depends on where each metal ranks in the Galvanic Series. The farther apart on the Galvanic Series, the greater the chance of corrosion.

During the exchange, the more active (or less “noble”) metal called the “anode” gives up electrons, sacrificing itself and protecting the less active (more noble) metal called the “cathode”. This causes the more active or less noble metal to corrode faster. Once the anode is completely corroded away, the cathode will again begin to corrode.

**Why ACQ lumber is vulnerable to corrosion problems**

ACQ lumber contains copper which is a less active or more noble metal on the Galvanic Series than aluminum.

Aluminum when exposed to damp or salty air is very active. Aluminum trim coil that is unprotected will corrode very quickly when used with ACQ lumber, since the aluminum sacrifices itself to the copper.

**GALVANIC SERIES OF COMMON METALS**

<table>
<thead>
<tr>
<th>Magnesium</th>
<th>Zinc (plating)</th>
<th>Anode or Active End</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum</td>
<td>Tin</td>
<td></td>
</tr>
<tr>
<td>Lead</td>
<td>Steel</td>
<td></td>
</tr>
<tr>
<td>Cast Iron</td>
<td>Nickel (active)</td>
<td></td>
</tr>
<tr>
<td>Copper</td>
<td>Chromium (plating)</td>
<td></td>
</tr>
<tr>
<td>Stainless Steel (304 active)</td>
<td>Tungsten</td>
<td></td>
</tr>
<tr>
<td>Brass (yellow brass)</td>
<td>Stainless Steel (316 active)</td>
<td></td>
</tr>
<tr>
<td>Titanium</td>
<td>Silver</td>
<td></td>
</tr>
<tr>
<td>Gold</td>
<td>Platinum</td>
<td></td>
</tr>
</tbody>
</table>

**Unprotected coil that’s been in contact with ACQ lumber.**

Conditions simulated in a 60 day laboratory test.
IsoCoil TruCoil provides a beautiful finish – without the risk of corrosion with ACQ lumber

IsoCoil TruCoil lets you trim around ACQ lumber without the worries of it corroding away.

On the top surface of IsoCoil TruCoil is a tough-wearing Q800 poly finish that ensures long-lasting performance.

On the bottom surface, IsoCoil has a solid barrier of protection with a premium vinyl undercoating that makes it corrosion resistant.

The protective barrier stops the potential of a corrosive reaction with ACQ lumber. Plus it stops water from penetrating, preventing mold and mildew problems.

Ensure a professional job from start to finish

IsoCoil is the ideal trim coil when you’re working with ACQ lumber. You get a beautiful finish in designer colors with the corrosion resistance that protects your reputation for a fine quality job.

IsoCoil meets ICC code R703.8.
Designer color palette
Choose from these designer colors to blend, complement or accent the home’s exterior.

Clay 807  Wicker 809  White 280  Brown 502

Colors shown are reproduced by the lithographic process and may vary from actual colors.