FrameGuard® Total™ Mold-Resistant Wood
Also resists fungal decay and Formosan termites

FrameGuard® Total™ mold-resistant wood prevents mold problems — as well as damage from termites and fungal decay — in trusses, framing, OSB, wood I-beams, SIPs, and other wood products used in interior applications. It is also suitable for exposed applications when coated with approved primer and exterior paint.

This wood is protected by a blend of proprietary anti-mold and preservative chemicals. The combination of ingredients keeps lumber looking cleaner and brighter during storage and construction, thus precluding dissatisfaction and exchanges.

FrameGuard® Total™ treatment moves a giant stride beyond the original FrameGuard® formulation and past competitive products. It is believed to be the first non-pressure treated wood product to offer expressed protection against Formosan termites and to cover Formosan termite damage specifically in a warranty.

By using FrameGuard® Total™ wood, clients get a mold-resistant product while specifiers reduce their exposure to costly liability claims.

EFFICACY
A field study comparing wood samples, both treated with FrameGuard® solution and untreated, has demonstrated the effectiveness of the protection. Exposed to the elements (not shielded from weather as in actual use) in the demanding environment of Ft. Myers, Fla., the test samples showed that FrameGuard® coating provided excellent protection against mold growth on both southern pine and spruce/pine/fir.

Another study, conducted by an independent organization, tested various alternatives and revealed the superiority of FrameGuard® wood. A copy of the study report is available from Lonza Wood Protection.

WARRANTED PERFORMANCE
FrameGuard® Total™ wood carries a limited warranty. For details, please read the warranty at www.FrameGuardWood.com. You will see that it includes damage from Formosan termites.

PLATE HOLDING STRENGTH
In lateral resistance / tooth holding tests conducted by MiTek Industries, Inc., samples of FrameGuard® wood performed with no statistical difference to matched, uncoated samples of southern pine and spruce/pine/fir.
CORROSION & HARDWARE
Two separate tests, one conducted in accordance with
AWPA E12 procedures using metal coupons and the other
involving actual metal truss plates, showed comparable
corrosion levels for FrameGuard® wood and uncoated
controls. You can specify the same hardware as you would
for use with ordinary wood.

APPLICATION OF TREATMENT
The active constituents of the solution are proprietary
EPA-registered chemicals that provide broad-spectrum
protection. To maintain a high level of performance for
the treatment, it is applied only under controlled conditions
where the quality of coverage can be assured. It is not
applied at jobsites, but at facilities such as truss plants, SIP
plants, and wood treating plants that have installed suitable
spraying or dipping equipment.

SPECIFICATION
A downloadable and editable model spec appears at

AWPA E12 CORROSION TEST*
120˚ F and 90% Relative Humidity • Loss in Mils per Year

<table>
<thead>
<tr>
<th>Metal</th>
<th>30-day</th>
<th>60-day</th>
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<tbody>
<tr>
<td></td>
<td>Control</td>
<td>Treated</td>
</tr>
<tr>
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<td>Carbon Steel 1010</td>
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</tr>
<tr>
<td>Standard hot-dip galvanized</td>
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<td>0.3</td>
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<tr>
<td>G -90 electroplated</td>
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</table>

* Standard exposure is 10-15 days

% MOLD VS. TIME

FrameGuard® coated samples and uncoated controls, in two species, were exposed to
the elements in Ft. Myers, Florida. After one year and 76.3” of rainfall, there was significantly
less growth of mold on corresponding samples of FrameGuard® wood. Weather-shielded
samples of FrameGuard® wood had virtually no mold after the year’s test.

AVAILABILITY
Contractors can obtain this wood from their suppliers of
lumber and wood components, or by contacting Lonza
Wood Protection at 1-866-736-7366.

ABOUT THE DEVELOPER
Lonza Wood Protection, manufacturer of the FrameGuard®
Total™ treatment, is an acknowledged leader in wood
preservation technology. Lonza is internationally recognized
for its wood preservatives, fire retardants, and anti-sapstain
products, and it licenses the best known brands of
pressure-treated wood in the industry, including
Wolmanized® wood and Dricon® fire retardant treated
wood.