

TESTMONIALS on Green-Dri™
July 2007

(Translated from Japanese)

1) Mr. Shunji Kamemura, President

Kamemura Lumber Company, Katori, Chiba, Japan

“I had an opportunity to observe Green-Dri in operation before we purchased one. I was shocked to see the entire unit was built from wood. I did not believe that wood itself could dry wood below a 15% moisture content. so I brought 100 Japanese Cedar boards with about 100% MC to Japan Non-flammable Wood Material Company for testing. They were four different thicknesses, 15mm, 25mm, 30mm, and 40mm. In 3 days the 15mm and 25mm boards were below 10% MC and the 30mm and 40mm boards were around 20%. I then let them keep 30mm and 40mm boards in the kiln for another day. All of them went down to around 10% MC. Because of the low temperature around 40 deg. C, I did not find any discoloration, check, nor warping. I was considering purchasing a high temperature kiln at the time but this test changed my mind and we acquired a Green-Dri kiln instead”

2) Mr. Yoshihiro Miura, General Manager – Material

East Asia Forestry Company, Shiso, Hyogo, Japan

“I learned about this new kiln through an article in a newspaper. I called the Japan Non-Flammable Wood Material Company right away and I had Mr.Ito come to our office and give a presentation in front of our Chairman and President. For people like us who grew up with a wood science background, the theory of cellular channels born from the human cellular science was really refreshing but also at the same time, it was a unbelievably strange theory to us. I was also excited about the bound water transfer theory. It’s only at 40 deg. C and it can bring the moisture from 80% down to 15% in a couple of days...just unbelievable. I was a believer of the high temperature drying technology then but I fell in love with this new technology. We decided to purchase one unit right away. For the first 2 months, we have to acclimate the kiln and stabilize the bound water transfer rate but from the 3rd month, green wood was dried down to 15% or less. During this time, I learned more about the process and I understand it now. I took delivery of the first with much reservation but now I know it really works. It really dries fast but the key is that it does damage the wood and there is no discoloration.”

3) Mr. Akira Hotta, Managing Director

Naniha Company, Matsuzakai, Mie, Japan

“I used to be in charge of the wood drying process at one of the largest lumber producers in Japan, Woodpia. We had many high temperature and low pressure dry kilns but my main concern with them at that time was the way these dry kilns destroyed the wood cells. Then, I heard about this new technology which does not require high temperature or low vacuum pressure and I visited their company right away. I observed there were only a couple of small fans and 2kW heaters. I was also shocked to learn that the operating temperature is only about 40 deg.C and the body is made out of wood. It has about 100mm (4”) thick wall and the running cost was less than 10,000 yen (\$90) per month. To us, that’s about 25th (SAL IS THIS 25% here) of what a high temperature dry kiln would cost per month. After working for Woodpia, I then worked for my brother’s company, Naniha Company. We now decided to purchase 2 large Green-Dri units, 4meter(H) x 5 meter(W) x 7 meter (L).”

4) Mr. Morimichi Hashimoto, President
System Sales Company, Kozakai, Aichi, Japan

“I am an architect with a specialization in wood construction. I did not believe in using any wood dried by high temperature dry kilns because they destroy the wood. So I have been using air dried wood for my designs. But we have had so many problems because most of the wood I have been using had a moisture content of 40% or more. I was looking for a solution for this. I then saw a newspaper article and I contacted Japan Non-Flammable Wood Material right away. I then took 200 sample boards with me and had them tested in front of me. The average moisture content was somewhere between 30 and 40% before the test but it went down to less than 15% in just one day. The third test was below 10%. There were no checks, warps, nor discoloration. I became a believer and I am now recommending this product to everybody.”