



Application of Bamboo

Fustar Bamboo & Lumber Co., Ltd

Introduction of Fustar

- **Location:**

- ☞ **East Zhejiang**

- **Production bases :**

- ☞ **Zhejiang**

- ☞ **Guangxi**

- ☞ **Guangdong**

- **Material base**

About Fustar



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About Fustar

- **Environment-friendly enterprise**
- **Comprehensive utilization of Bamboo**
- **Utilization ratio: over 95%.**

About Fustar

● **Advanced equipment**

☞ **Processing equipments from foreign countries**

☞ **Detecting instruments for products and system of quality control**

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About Fustar

- **Market : such as Europe, America, Japan, Korea, Singapore, and Australia and so on.**
- **Fustar flooring was chosen and adopted by the designers of William J. Clinton Presidential Library in 2004.**



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About Fustar

● **Products:**

- ☞ Bamboo flooring
- ☞ Bamboo veneer
- ☞ Furniture
- ☞ Bamboo plywood
- ☞ Bamboo charcoal
- ☞ Handicrafts
- ☞ Bamboo fiber



**Application of bamboo in
Prefabricated installation units for
Prefabricated house**



Material and treatment

● Choice material

- ☞ Choose bamboo of good toughness and intensity.
- ☞ Choose the part of top and middle





● Pretreatment of material

- ☞ **Make the piece or thread of fiber with bamboo and antisepticise**

- **Composite of installation units**
 - ☞ **Method: finger-joints and stagger joints**
 - ☞ **Metal bolt joint rooftree, girder, pillar**

● Prefabricated bamboo roof

- ☞ Bamboo roof produced by tile-shaped moulding technology
- ☞ High efficiency
- ☞ Lower cost



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Problems in prefabricated house and method of solution

● Problems:

☞ Sound control

☞ Thermal insulation

● Solution:

☞ Bamboo fiber

结论

Conclusion

- **Base on wood construction**
- **Fine mechanics**
- **Material choice**
- **Improve the rate of bamboo's utilization**
- **Improve the degree of automatization**
- **Future is good**

谢谢!

THANK YOU!