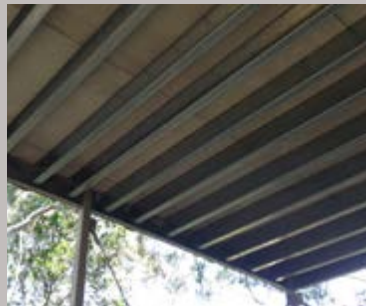


# Case Study

# UBIQ Delivers Affordable Bushfire Construction Materials.



**PROJECT:** Treetops House, Byron Bay, NSW  
**WHAT:** Lightweight House Construction in a BAL-40 rated Bushfire Prone Zone  
**WHEN:** June 2014  
**PRODUCT:** **INEX>FLOOR**, **INEX>RENDERBOARD**, **INEX>DECKING**  
**BUILDER:** **Bilton Holdings Pty Ltd**  
Wade Maxworthy 0417 627 903

Affordable building construction in Bushfire Prone Zones is one of Australia's greatest challenges, and UBIQ's **INEX>BOARDS** are one of its greatest solutions. The challenge for this project was made even more difficult as the design brief called for a replica appearance of the adjoining timber "Treetop Houses", built back in 1993 before the current Bushfire Construction Building Codes. The site was deemed Bushfire Attack Level BAL-40, so timber was out of the question.

Incredibly **UBIQ's INEX>BOARDS** delivered a solution that met the design brief and the bushfire codes, whilst at the same time being at a lower cost than if timber had actually been used.

**INEX>FLOOR** was fixed directly to all steel floor frames throughout the building; and as a sarking to the roof with its strength even allowing a comfortable eaves overhang. **INEX>FLOOR** was also used on the deck, but with grooves routed into it to deliver a wonderful 'timber decking' appearance in a situation where timber decking just couldn't be used.

**INEX>RENDERBOARD** was fixed to all external walls with further **INEX>DECKING** pieces added to create the timber appearance, the natural grained surface of the **INEX>BOARDS** completing the visual effect.

*"Working in a tight bush setting, with trees all around us, the INEX products were lightweight and easy to fix" says the builder Wade Maxworthy. "And certainly a lower cost construction material than any alternative I looked at. I'm not sure how this building could have constructed otherwise".*

**NOTE:** Did you know that the highest Bushfire Attack Level (BAL-FZ) is the equivalent of a 30 minute Fire Resistance Level (FRL 30/30/30)? But **INEX>WEATHERBOARD** and **INEX>RENDERBOARD** offer wall construction solutions up to FRL 60/60/60.

That's twice the performance requirement of BAL-FZ but without the need, or expense, of including a fire rated plasterboard in your construction.