

# Double Glaze Matters

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## Sustainable House Day

Sustainable house day went well this year, although the turnout was much less than the previous year. There were 45 visitors which meant the groups were much smaller. This meant that there was more two way discussions which was great. It also meant I wasn't as exhausted at the end of it!

There was quite a bit of interest in my cheap pelmets which I featured in the July issue.

## Double Glazing

For those that read the Renew magazine from the ATA, you may have noticed an article by me on my attempts at double glazing. For those that missed it, you can read it here:

[//www.diydoubleglaze.com.au/ATA.pdf](http://www.diydoubleglaze.com.au/ATA.pdf)

I ran a course on double glazing at Eltham last week and had a very good response. I do enjoy them because it gives me a chance to learn from the attendees as well.

I am also presenting at a few local fairs over the next few months. If you are going, drop by and say hello.

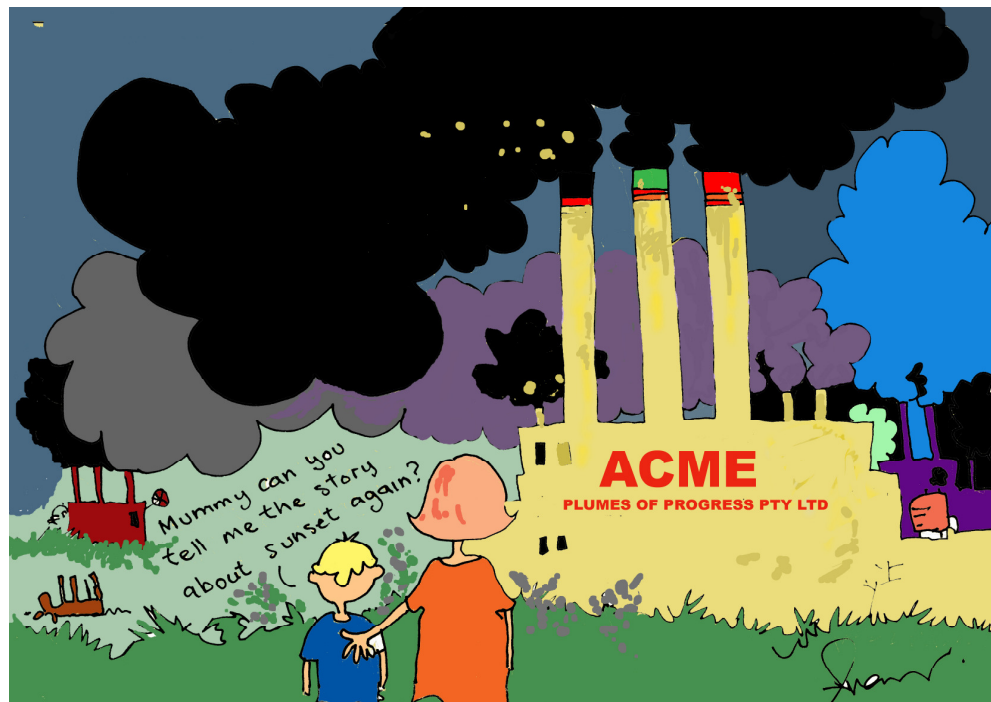
Eltham Green Fair—Sun 23 October  
Maroondah Festival— Sun 6th November  
Eltham Fair—Sun 13 Nov

Email me for more details.

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**Franciscus Henri— Progress?**

## Aluminium Windows

One thing that has been of interest to me since I started my Double glazing business was how to address the problem of aluminium windows. The problem is that aluminium windows are hard to work with (you can't just use a router to make the rebate bigger) and they all come in different shapes.

*... Aluminium windows are hard to work with—you can't use a router ...*

I think I am getting closer to a solution! The one thing they all have in common is a groove around 6 mm wide to hold the glass. If you take the glass out, you can then insert aluminium extrusions to hold the new double glazed unit.

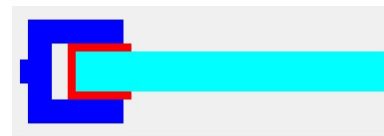
I have come up with several designs, and the one that I think will work the best involves two extrusions. After the glass is removed, the first extrusion is inserted. Then the glass is inserted, followed by the second extrusion.

Screws are used to hold the frame in place.

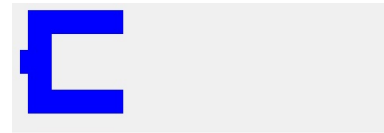
There will be a need for rubber seals plus silicon to protect the glass and minimize air leakage.

The two extrusions are quite similar, so I can make just the first extrusion and use two pieces of it to at least check that it will work before going to the trouble of making the second extrusion.

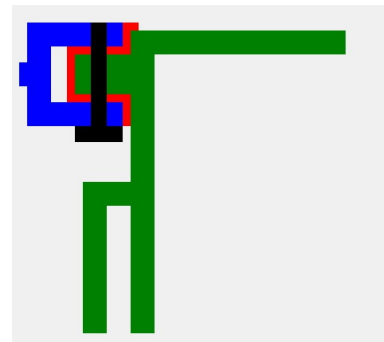
Hopefully I will have something ready by the new year.



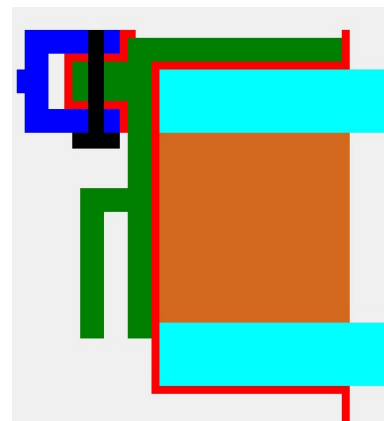
**Original Window**



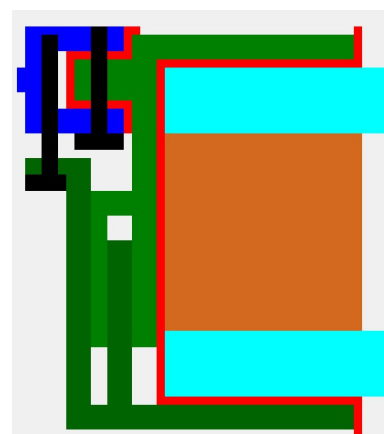
**Remove Glass**



**Insert First Extrusion**



**Insert Window**



**Insert Second Extrusion**