

Putting Metal frames around collapsible pallets.
Making a Plastic battery store.



Side of metal frame



A collapsible Pallet



To make the metal frame fit snugly around the plastic pallet you have to size the job up first.

I found out that the metal flanges around the bottom interferes with the flush fitting we hope to achieve.

The yellow line denotes an area of interference this must be removed.

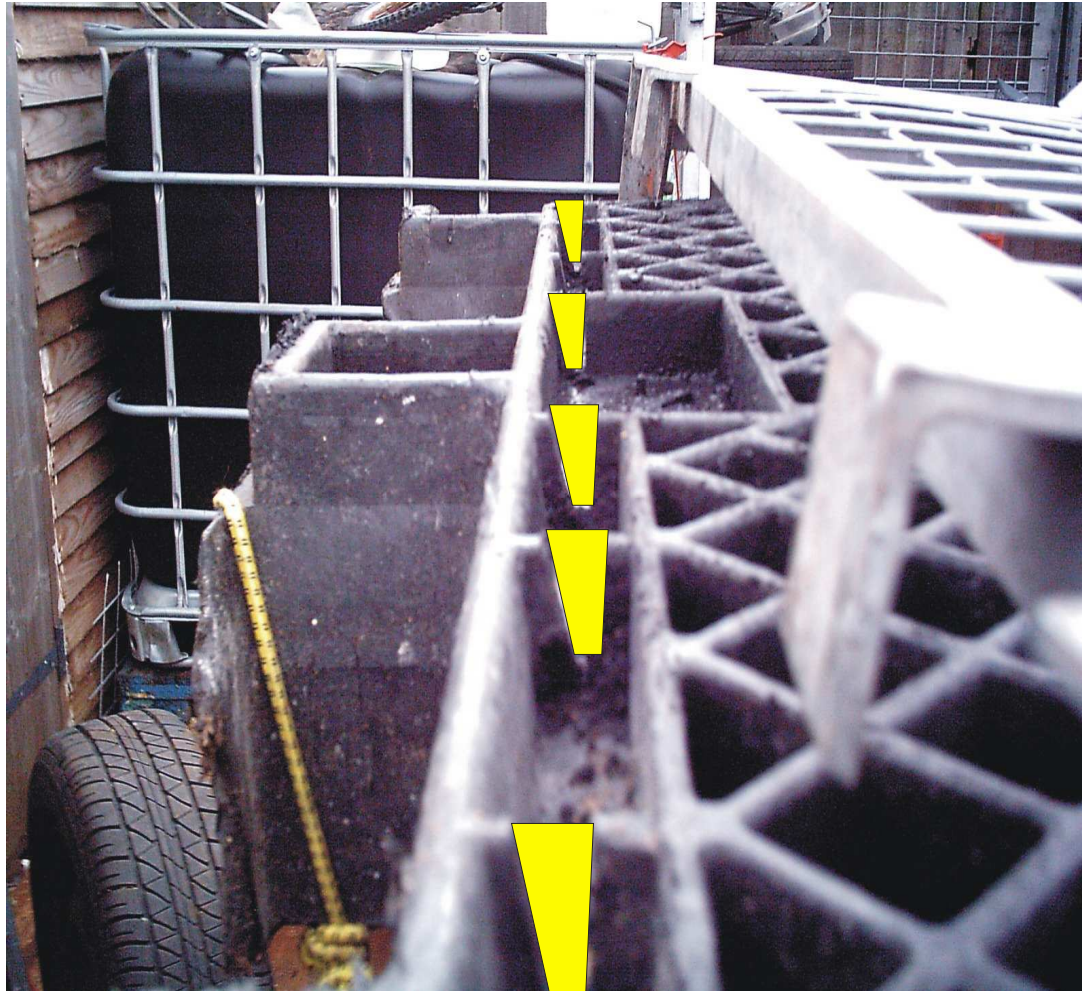


< metal
frame
checking fit

The yellow area was marked for removal the pallet was on its side and the metal frame was laid on top for to check for interference.

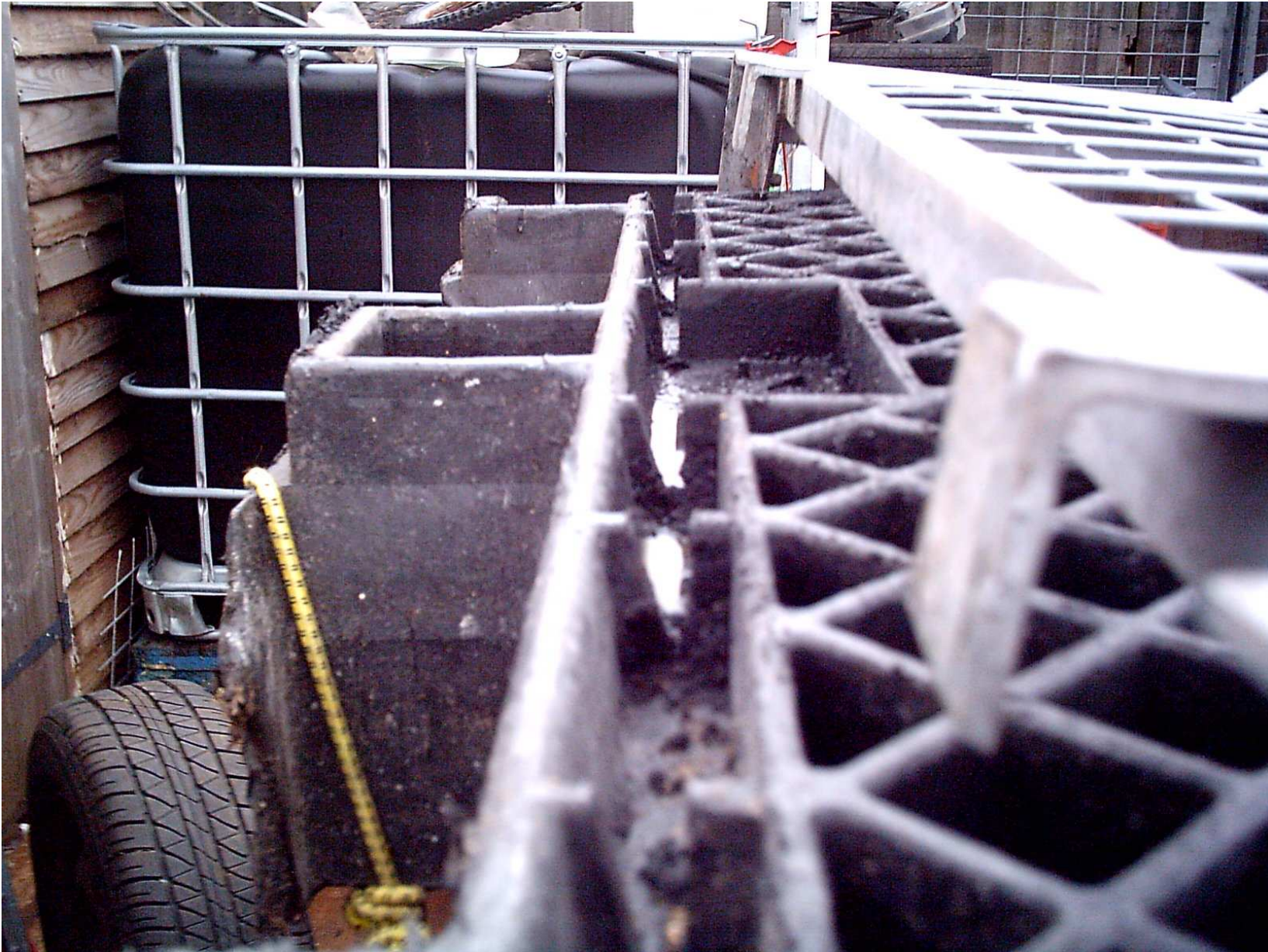
WARNING grinding these does cause small plastic modules and they get everywhere trust me they do.

Wear goggles and dust mask



Each of the yellow marks need to be removed in order for the metal frame to achieve a tight fit.

Wear goggles and dust mask



View of the bottom of pallet with pieces taken out metal frame poised to check the fit

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It should be noted that not all metal frame sets are the same. The corners vary some have curved corner plates and some diagonal plates.

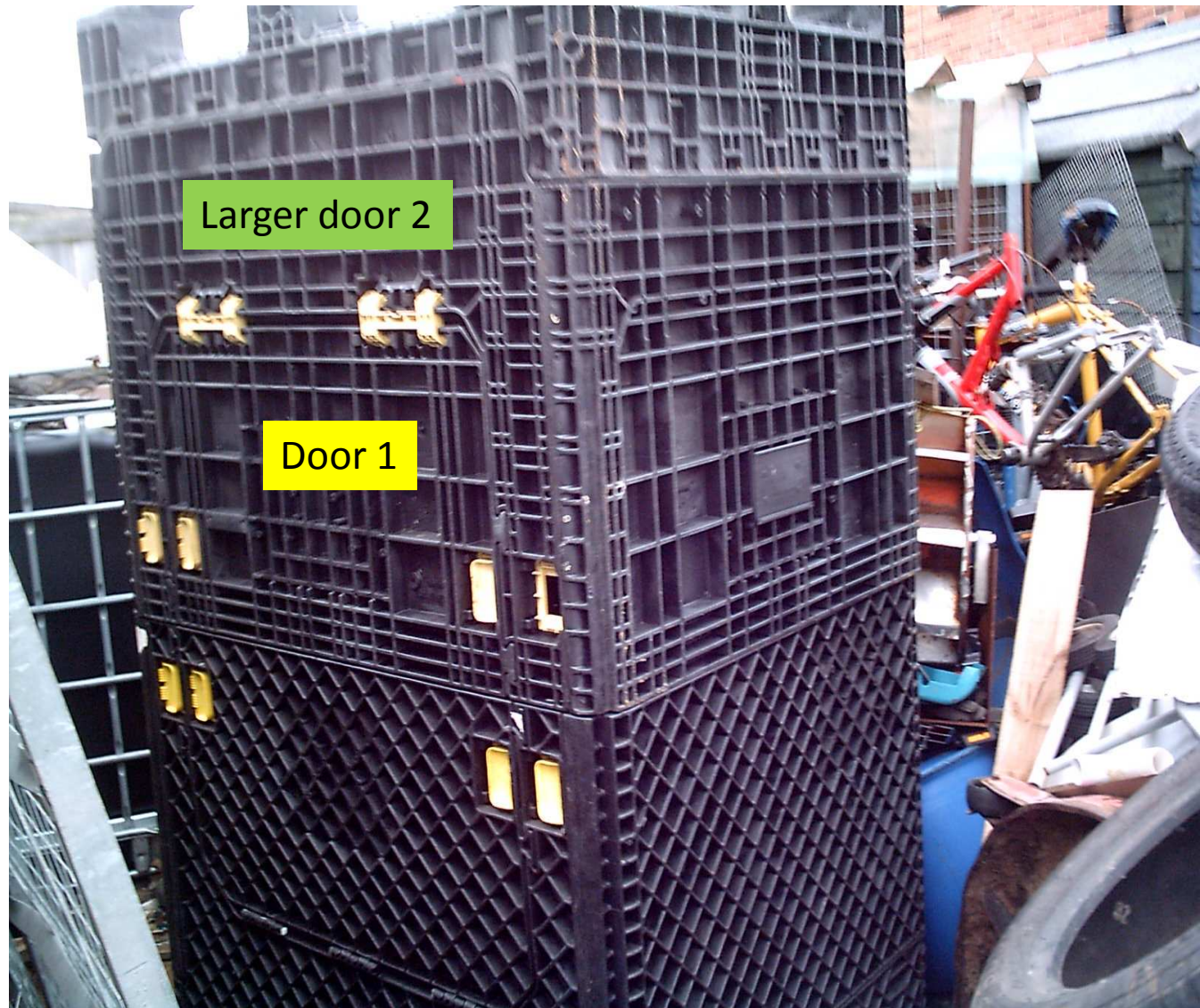
Also the plastic collapsible are of 2 sizes as in the height of the sides. Also check visual appearance for I have now found out I have 3 different types. Some have a criss cross floor and some complete floor with 4 small holes in the corners

I have called this the
“ **BORG CUBE** “

Here you see visually
two different types of
container both have the
unique side doors.

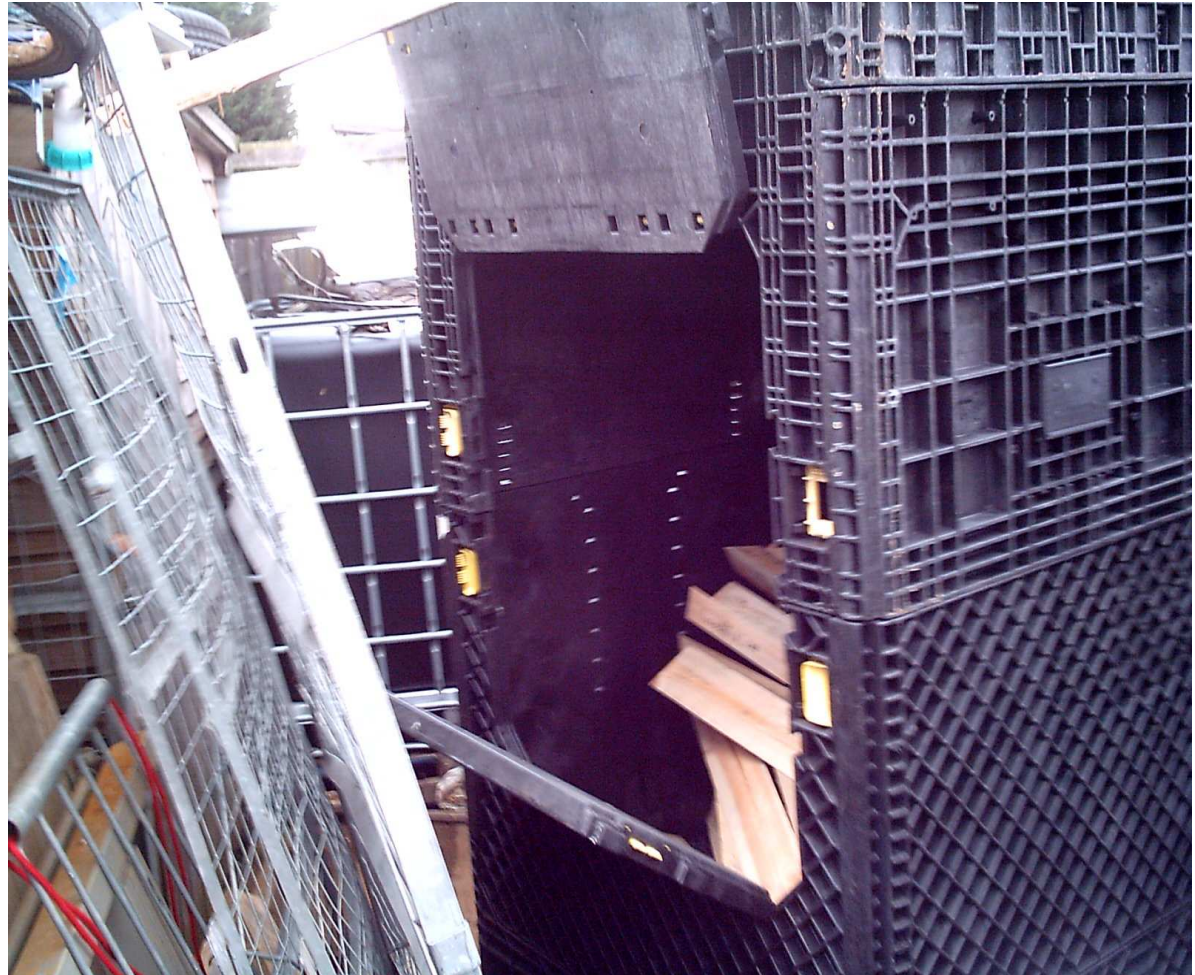
A door within a door
if you look closely you
see 2 sets of locking
clasps on both
containers

In the next slide you'll
see the small doors.



Metal cage on the left.
Doors open are the small ones. I'm putting the criss cross floor one on the bottom and the solid floor on top as a roof just 4 small holes in corner to fill.

Having just cut the grooves out on top and bottom I came up against a problem. The frames I have wont allow the top large door to open due to where its doing to be situated.



I then remembered that the large doors only opened inwards DAH.
So unless you're going to have small stuff in it keep the bottom reinforcement bar in place . So now i have to weld mine back in.

I cut off the top 2 ½" off the frame. This is going into a tight place, if placed in the open all you have to cut is the reinforced bar as indicated by the yellow mark in the picture. After all this is going to be battery store No2.



In slide 7 the wood is ready for the shelves and will be covered in plastic in case of acid spill. In the summer it wont heat up being black as the workshop will block the sun.

Hooray as you can see its now in the slot . Sheltered from the sun . Yes I did have to cut out a reinforcing bar and use ratchet straps to get it in and some compulsory swearing . This 1 is actually sitting on top a pallet due to the fact the decking is attached to the pallet . Also the ground underneath is very uneven. That is why the top was cut off otherwise the frame would be intact.

The side of the cage metal frame is actually turned around as there is a 20mm lip on the metal.





This is the wood for the two shelves that are going into the cube to hold the batteries covered in plastic of course.

Apart from the battery store put into a sheltered location then seal it up.

Small Mushroom Farm. Seed grower single container with Perspex top or glass.

Composer , rotating composer scaffold tube through the sides and an A frame. Hydro box for garden ponds. Kennel .

Join two lots together

Bird hide. **Chill out cube.** Garden tool shed.

PLEASE remember Wear goggles and dust mask *Borg*