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Information about woodfuel in Scotland



Building a cheap woodstore from pallets

Materials

For a one-bay woodstore, you will need:

- 4 pallets of the same size. I often use 1200 x 800mm Europallets, which give a stack volume of approx 0.9 cu m.
- 4 bricks for the base
- 2 pieces of bracing wood, say 20 x 100 x 400mm (most dimensions are fine, as long as the pieces can be screwed into the pallet block supports)
- 1 piece of joist, 1200mm long and about 100mm thick, to create the top bar of the sloping roof
- 16 long (100mm) screws or nails
- 8 short (20mm) screws or nails
- 1 sheet roofing (eg plywood, OSB, corrugated iron)

Procedure

1. Create a clean flat space with hard standing for the 4 corner supports
2. Place a brick at each corner (to keep the pallet off the ground and stop it rotting)
3. Place a pallet on top of the bricks, with corner block supports over the bricks to transfer the weight onto the bricks
4. Place an upright pallet at on end of the base pallet. Fix in place
5. Repeat at other end
6. Place a horizontal pallet on the top, spanning the gap between the uprights. Fix in place
7. Fix the 2 bracing pieces at the back of the store to join the pallet blocks in the middle of the uprights to the block in the middle of the top pallet. This should prevent the structure from collapsing.
8. Fix the top bar along one long side of the top of the top pallet
9. Fix the roof loosely to the top bar and then to the front of the top of the top pallet, to make a sloping roof (can slope in any direction, but best to slope away from prevailing wind)
10. Stack with logs

Pics show a 2 and a 3 bay store under construction. See also the video: "Building a woodstore from pallets" - www.youtube.com/woodfuelscotland. This leaflet is available to download from www.woodfuelscotland.org.uk.

