

# Insulation

Insulation will be 10cm thick (maybe 15 on the floor) to allow the following:

1. Allow enough space to cut the space in the bottom for:
  - The Aluminium frame of the habitat
  - The electricity lines, water lines etc etc
  - Aircon will be done via the ceiling, heating via the floor. So these systems need to be coupled, as the aircon can heat as well as cool. It has to do with warm air rising and cool air falling. This should be automatic. <https://www.dewitschijndel.nl/autoterm-luchtverdeler-met-regelklep-90-mm>



2. Windows will be double glazed and altitude-proof. (KCT or <https://www.outbound.eu/> )
  3. Windows/doors will be flush-mounted to the box, to enable the top layer to go over the bottom layer.
  - 4.
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Revision #2

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