

SECTION 6

Latrine Kits

WALS/3 Latrine Slab Kit

WALD/1 Latrine Digging Kit

WALS/SQP Latrine Squatting Plate c/w plug

Shipping Specifications

WALS/3 1.86 x 1.13 x 0.56m - GW: 265kgs

WALD/1 1.82 x 0.82 x 0.49m - GW: 198kgs

WALS/SQP 1.20 x 0.80 x 1.50m - GW: 240kgs (60 units)

Latrine Kits- Installation Notes

1. The kit includes two latrine slab options with sufficient equipment to enable 10 slabs per day to be cast. In this manner facilities for 5,000 people can be constructed within six weeks where two families share one latrine. The kits provide slab mouldings for areas where timber and reinforcing bars are not available and reinforced slab moulding for areas where timber is in short supply but reinforcement bars are available.
2. Pits should be dug no more than 1.2 metres in diameter with vertical sides. Where soils are unstable pits may require lining with concrete blocks which can be cast locally, or alternatively wood or bamboo may be used and this should be painted with oil or diesel fuel to discourage rotting. However concrete is more hygienic and in the long run may be cheaper. They may also be re-used.
3. A latrine slab may be ventilated by casting a bent pipe into the slab, this can be done by casting a short length of 150mm diameter PVC into the slab at a suitable place. The pipe may then be filled with concrete to provide a plug, which can be knocked out if the latrines are to be upgraded. The length of the pipe must be sufficient to protrude above the latrine house by 0.5 metre and should be covered with mosquito mesh.
4. Small, flat reinforced slabs can be cast (0.60m x 0.60m). However, in order to span a typical latrine pit additional timber is required. A mould for this unit is not included however this can be constructed on site with the tools provided within the kit.
5. Latrine housing materials are usually available although in some cases plastic sheeting may be appropriate, certain colours are translucent and may not provide privacy. Plastic sheeting is not included within the kit.
6. Materials that will produce 1,000 concrete slabs should be obtained as follows:

Item/Material	Unit	Quantity
Cement	50kg bag	1,000
Sand	tonne	60
Crushed stone	tonne	90
Labour	person/days	1,800