A Warré Hive with closed screened bottom, as drawn by Bill Wood
Updated: February 25, 2009

LEGEND:

Hidden Lines — dashed and/or orange
Screen — magenta
All materials: 1 inch (2.54 cm) thick (soft wood) lumber except:
1) Bottom (drawer) shown as 0.5 inch / 1.27 cm
2) Bottom (drawer) supports shown as 3/8 inch / 1 cm
3) Screen is #8 / 3mm mesh (copper is bee-friendly)
4) 2 inch diameter wooden barrel bungs / plugs
5) Top Bars
6) Fasteners, preferably non-ferrous.
(Aluminum, copper, bronze nails and wood dowels are options)

Warré’s Hive comprises two of identical boxes fitted with top-bars, but no frames.

hive-body box internal dimensions 300 x 300 x 210 mm, with projecting handles.
Lighting board, coarse weave cloth covering the top-bars of the top box.
100mm high “waist”, boarded with wood and filled with straw, sawdust, wood shavings etc.,
separated with a cloth, gabled roof containing a ventilated “lint” and separated from the spilt by a mouse-proof board.

Eight 34 mm x 8 mm x 320 mm top bars set in 10 mm x 10 mm rebates/rabbits in each box
with spacing at 36 mm centers and each having a 2 mm x 2 mm groove
down the middle of the underside for a wax starter.

SHOWN: Optional closed screened bottom with woven copper mesh, with 8 wires to the inch
(#8 mesh or 3 mm mesh).

SHOWN: A surface-mount landing board below a 2" (50 mm) diameter entrance.

NOT SHOWN:
1) Original Warré hive bottom
2) Handles shown on assembled view only

Entrance holes in all upper boxes are plugged with standard 2 inch wooden barrel bungs/plugs.
For wintering, a bung with a small hole(s) bored in it can be set into the hive entrance to
protect the colony from mice, etc.

The bottom of the hive doubles as a drawer, which may be used alone for inspection, or may
hold a “sticky board” for catching on fallen mites. It is shown as being 0.5 inch (1.25 mm) thick.
As this is not thick enough to support the Warré concept, the entire hive should rest on
a solid wood surface to provide enough insulating bottom material.