



S GAUGE
ACL VENTILATED BOX CAR KIT
AMBROID COMPANY

305 FRANKLIN STREET BOSTON 10, MASS. U.S.A.

SHEET #1.

1. Cement inner and sub-floors together, using roof as a guide for correct length and alignment.

SUB-FLOOR.

2. Assemble complete underframe.

Drill center sill and cross-bearers for train pipe before assembly.

TRAIN PIPE
 $\frac{1}{32}$ WIRE.

$\frac{1}{32}$ THICK

$\frac{1}{16}$ THICK.

$\frac{1}{32} \times \frac{1}{8}$

THIS KIT DESIGNED AND MADE
FOR AMBROID BY
NORTHEASTERN SCALE
MODELS
INC.
BALLARD VALE MASS.

DOOR TRACK

CROSS SECTION
AT DOOR.

FLOOR
BOARDS

SUB FLOOR

3. Install floor boards.

Install roof details.

Assemble completed floor unit, ends and roof.

$\frac{1}{8} \times \frac{1}{4} \times \frac{1}{4}$

$\frac{1}{32} \times \frac{1}{16}$

$\frac{1}{32} \times \frac{1}{8}$

$\frac{3}{32} \times \frac{5}{32}$

FLOOR BOARDS.

7. Add ventilators, door runs and vertical side braces.

6. Assemble doors. Cement $\frac{1}{32}$ wire in grooves on back of screen door.

9. Install brake rigging. Air piping and rods are $\frac{1}{32}$ wire. Levers are of sheet brass.

10. Add grab irons, ladders, etc. End sills are held on by small wood screws which also act as coupler pins. Sheet #1 shows correct location of hardware.

11. Paint entire car boxcar red. Paint doors separately and install when paint is thoroughly dry. Use spikes for lower door guides.

12. Assemble trucks. Fasten to bolsters with $\frac{1}{2} \times \frac{3}{4}$ wood screws.

COUPLER DETAIL

$\frac{3}{32}$ DRILL

CUT SHANK

AIR HOSE $\frac{7}{16}$ LONG.

$\frac{1}{32}$

$\frac{1}{32} \times \frac{1}{16}$