

IICL TB 004, 1 November 2006

Title: “Revised Dowel Repair in Container Floors”

The IICL has revised the repair criteria for container floors effective November 1, 2006.

Reference: IICL “Repair Manual For Steel Freight Containers” Fifth Edition
Section 9.3 (Dowel Repairs)

The IICL has revised its criteria for dowel repairs in container floors.

Revised Criteria

Holes up to 22 mm in diameter may be repaired by inserting a round hardwood dowel into the hole and securing it into place with glue. The following limitations apply to the use of dowels:

- Dowels must be round and made of hardwood.
- Dowels cannot exceed 22 mm in diameter.
- The minimum distance between the end of any floor board, plank or screw and any part of a dowel is 50 mm (2 inches).
- The minimum distance from the side of a floor board and any part of a dowel is one (1) times the dowel diameter.
- The minimum distance from any part of a dowel to any part of another dowel is four (4) times the larger dowel diameter.

Holes up to 22 mm that cannot be repaired using dowels that meet the minimum distance requirements above, and all holes greater than 22 mm in diameter, must be repaired by sectioning or replacement of the wood.

IICL TB 004 was prepared under the supervision of the IICL Technology Committee.