

SECTION 9 AGRICULTURAL PRODUCT

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9.1 PRODUCTS COVERED BY THIS SECTION

This Section describes the movement of the following products in KiwiRail Iceliners:

- ➔ Beef Pallets.
- ➔ Carcass Meat.
- ➔ Standard 1200 × 1000 mm Pallets.
- ➔ Stillaged Meat.

RELATED SECTIONS

Cartoned meat, containerised meat and dairy products such as containerised/palletised cheese, butter etc. are all covered in the following sections:

- ➔ Section 12: Containerised Traffic.
- ➔ Section 20: Palletised Freight.
- ➔ Section 21: General (Loose) Freight.

9.2 TEMPERATURE & HYGIENE

The movement of frozen and chilled meat requires:

- ➔ A **very high standard of hygiene**, and.
- ➔ Strict control of temperature.

KiwiRail's Iceliner Fleet all have the ability to maintain temperatures at -20°C .

9.3 CLEANING

DO...

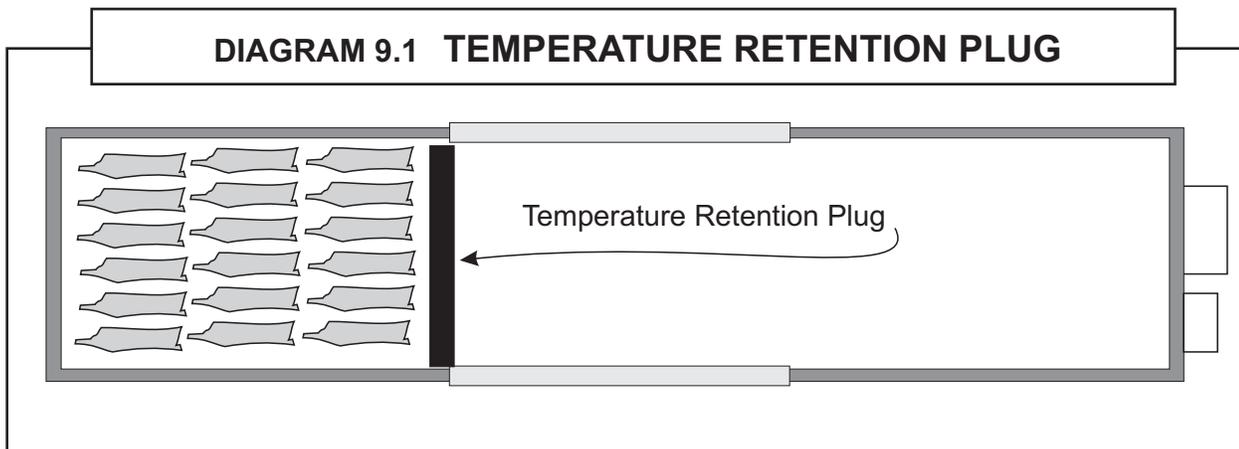
- ✓ Clean all interior surfaces thoroughly **after every trip**.
- ✓ Use an MAF approved non-caustic alkaline detergent and pressurised steam or hot water.
- ✓ Ensure all internal surfaces are **dry** before doors are closed.
- ✓ Dry with a mechanical or electrical hot air blower, or wipe thoroughly by hand.

9.4 STOWAGE

LOOSE STOWED CARCASS MEAT

Given the high volume of loose stow product, and the time it takes to load an Iceliner wagon, a lightweight temperature retention plug should be placed at the completion of loading the first end, as shown in Diagram 9.1 below.

This will prevent heat loss for the remainder of the load out.

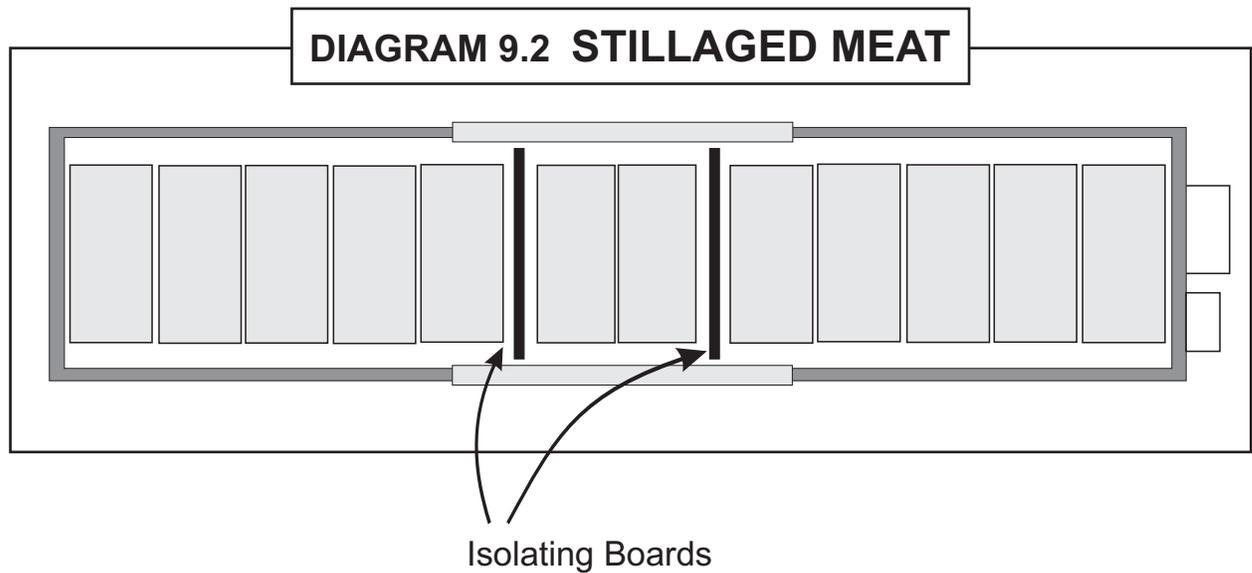


STILLAGED MEAT

Twelve standard 2300 × 1800 stillages can be placed in an Iceliner wagon. See Diagram 9.2.

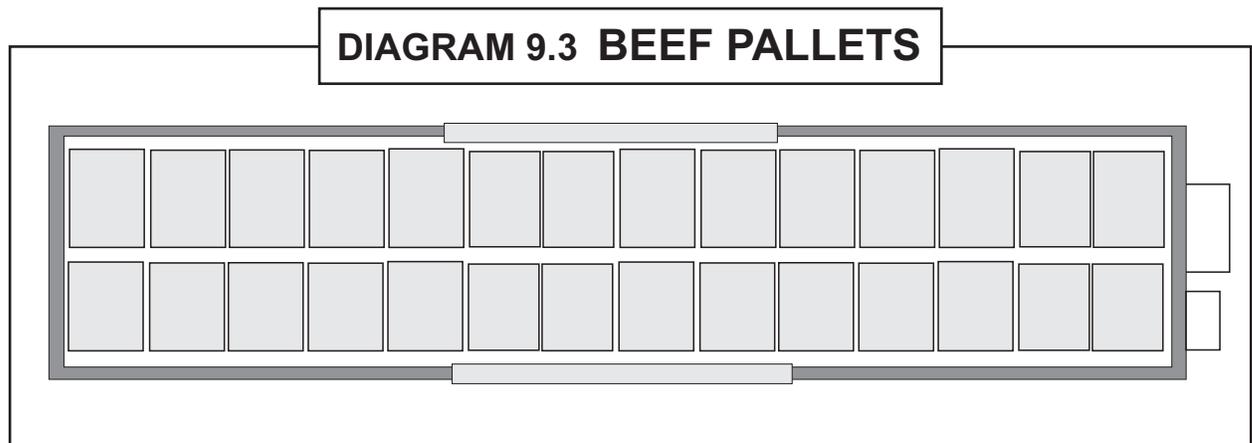
DO...

- ✓ Use **isolating boards** on the outer side of each of the two central stillages to minimise the chance for these to lock up during transit.



BEEF PALLETS

Twenty-eight 1080 × 1090 export beef pallets (including 468 mm overhang allowance) can be loaded into an Iceliner. See Diagram 9.3.



STANDARD 1200 × 1000 mm PALLETS

Twenty-nine 1200 × 1000 standard pallets can be loaded into an Iceliner. See Diagram 9.4.

- ➔ The **last four pallets** to be stowed in the doorway must be rotated through 90 degrees.

