



IRJ Head Repair kit

The IRJ Head Repair Kit allows an in-situ repair to damaged end posts in Insulated Rail Joints (IRJ's). The process involves cutting through the original insulated gap using a rotary cutting tool and filling the gap with a fast-curing two-part polyurethane resin. This hardens to provide electrical insulation and a robust repair.

BENEFITS

- ◆ Eliminates the need for costly track possession and stressing equipment.
- ◆ Repair is a one-man operation which can be completed in minutes.
- ◆ Approved by Network Rail as a permanent repair.
- ◆ Easy application of resin using twin cartridge applicator.
- ◆ Fast-curing resin with the whole procedure, including preparation, grinding and degreasing, taking only six minutes.
- ◆ Waterproof formulation can be applied in damp conditions.
- ◆ Wide temperature range from -40°C to +80°C.

Installation procedure

1. Remove lipping with an angle grinder, ensuring all lipping is removed and cut is parallel with the end of each rail.
2. Remove the damaged part of the end post by repeated cuts using the cutting wheel.
3. Clean the area with degreaser to ensure all contaminants are removed.
4. Remove swarf and any other contaminants with Cyclone airduster.
5. Slowly apply resin from the double cartridge gun in several layers moving backwards and forwards across the rail.
6. Smooth off excess resin, flush with the rail head.
7. Dress the repair with a smooth plastic edged tool.



PRODUCT DATA

Complete IRJ Repair Kit	Part Number RP01277/2
Refill IRJ Repair Kit	Part Number RP01277/1