



## **IRJ ETW 1**

### **RAIL WITH FACTORY ASSEMBLED INSULATED RAIL JOINT MADE OF STEEL**

The IRJ ETW 1 is precisely installed on a rail in our factory with a high-strength two-component glue, ensuring maximum stability and durability. The installation of the rail in the track is carried out using two Thermo<sup>®</sup> welds.

# TECHNICAL DATA

## SPECIFICATIONS

Material	Steel fishplate with insulating layer
Installation	Insulated rail joint factory assembled on the rail
Joining method	Screwed and glued
Electrical resistance	Min. 30 MΩ

## VERSIONS

- All common profiles
- 4-hole and 6-hole version, hole distance as per customer request
- Available in various lengths
- Insulating end posts available in different versions
- Reinforced (ETW 1 MAX) and standard fishplate design

## BENEFITS

- Easy Installation of the rail using two Thermit® welds
- No handling of glue in the track
- Excellent results in tensile strength, static and dynamic (fatigue) tests
- Designed for the highest loads
- Long service life in the track
- Also suitable for heavy haul railways

## CONTENTS

Insulated rail joint factory assembled on the rail

## REFERENCES

- Complies with the requirements of EN16843
- Successfully used worldwide for more than 20 years, with over 100 000 installations of ETW in track

