



# GOLDSCHMIDT

Smart Rail Solutions



## **THERMIT® SKV-A**

**TAKE THE NEXT STEP**

**IN RAIL WELDING TECHNOLOGY**

Developed based on feedback from the Australian rail welding industry, SkV-A offers the latest technological improvements to suit local network and welder requirements. We have successfully developed a new Original Thermit® welding procedure that covers all rail profiles and grades, providing a more user-friendly product, resulting in increased weld consistency.

## TECHNICAL DATA

### SPECIFICATIONS

- Preheating times of 2 - 4 min produces a narrow heat affected zone, particularly with head-hardened rails
- Available in 2 and 3 piece moulds
- Suitable for Tin and Enviro Safestart crucibles
- Locally developed and manufactured
- Reintroduction of 25 mm standard weld gap

### CERTIFICATIONS/APPROVALS

Approved according to AS1085.20.20:2020

Third-party certification (incl. Monash Institute for Railway Technology, Bureau Veritas etc.)

### BENEFITS

- Significantly higher tensile strength in track
- Significant reduction in the risk of head imperfections
- A reduction in excessive fusion zone eliminates the need of traditional luting cards
- Use of just one slag tray possible
- Fully compatible with existing hardware e.g. mould protectors, clamps etc.
- Weld kits include all required luting material (additional stemming paste not required)

