

# HARDFACE APRail-O

For Welding Professionals



**The best suited solution to rebuild components made of 13%Mn steel exposed to high impact or load**



HARDFACE APRail-O is a self shielded flux cored wire that gives a work-hardening austenitic Cr-Mn deposit.

This solution is ideal for minimising the heat input on your manganese rail sections (switch, frogs, wing rails) and provides increased resistance to impact and pressure.

HARDFACE APRail-O can easily be used on-site, even under difficult atmospheric conditions, thanks to its ability to be used without a shielding gas.

## Why choose this solution?

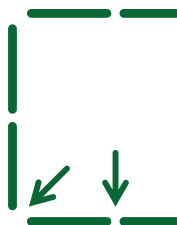
- Semi-automatic, automatic or robotic process
- Clean surface and sound deposit
- Highly resistant to impact and high pressure
- Extremely crack resistant with optimised dilution into the 13%Mn base metal
- Low heat input
- Greater productivity for outdoor jobs compared to stick electrodes (+2.5 times more productive)
- Flux cored wire manufactured with a stainless strip guaranteeing better preservation over time



## Product Details

<b>Classification:</b>	EN 14700: T Fe9
<b>Available Diameter:</b>	1.2 mm and 1.6 mm
<b>Hardness:</b>	210 - 240 HB (as welded, three-layer deposit) 45 - 55 HRC (work hardened, three-layer deposit)

**Welding Positions:**



[contactus@welding-alloys.com](mailto:contactus@welding-alloys.com)  
[www.welding-alloys.com](http://www.welding-alloys.com)

