

# Pantafix

TOP FEATURES

- Medium thick rutile-cellulosic coated MMA electrode for structural steelwork.
- Suitable on primer painted and slightly rusted parts, as there is a high tolerance to impurities.
- Suitable for welding galvanised steel components.
- Excellent all positional operating characteristics, especially vertically-down and the arc characteristics ensures reliable penetration.
- Good gap bridging and easy striking and restriking.

CLASSIFICATION

AWS A5.1E6013

EN ISO 2560-AE 38 0 RC 11

CURRENT TYPE

AC/DC-

WELDING POSITIONS

All positions

APPROVALS

TÜV	
+	

CHEMICAL COMPOSITION (WEIGHT %), TYPICAL, ALL WELD METAL

C	Mn	Si	P	S
0.08	0.5	0.3	≤ 0.03	≤ 0.03

MECHANICAL PROPERTIES, TYPICAL, ALL WELD METAL

	Condition*	Yield strength (MPa)	Tensile strength (MPa)	Elongation (%)	Impact ISO-V (J) +20°C
Required: AWS A5.1		min. 330	min. 430	min. 17	not specified
EN ISO		min. 380	470-600	min. 22	min. 60

AW = As welded

OUTPUT RANGE

Diameter x Length (mm)	Current range (A)
2.5 x 350	60-85
3.2 x 350	90-130
4.0 x 350	140-180

PACKAGING AND AVAILABLE SIZES

Diameter x Length (mm)	Packaging	Electrodes/pack	Net weight/pack (kg)	Item number
2.5 x 350	CBOH	115	2.1	588691-1
3.2 x 350	CBOX	160	4.4	588692-1
4.0 x 350	CBOX	103	4.5	588693-1

## TEST RESULTS

Test results for mechanical properties, deposit or electrode composition and diffusible hydrogen levels were obtained from a weld produced and tested according to prescribed standards, and should not be assumed to be the expected results in a particular application or weldment. Actual results will vary depending on many factors, including, but not limited to, weld procedure, plate chemistry and temperature, weldment design and fabrication methods. Users are cautioned to confirm by qualification testing, or other appropriate means, the suitability of any welding consumable and procedure before use in the intended application

Safety Data Sheets (SDS) are available here:



Subject to Change – The information is accurate to the best of our knowledge at the time of printing.  
Please refer to [www.lincolnelectric.eu](http://www.lincolnelectric.eu) for any updated information.