

Electrode Name	Applications
Mild Steel Electrodes	
Pawel China	Medium-coated, rutile acid electrode specially suitable for light gauge sheet welding. When fillet welding, the electrode can be kept in contact with the workpiece with no resultant excess convexity. Automatic striking. Very little spatter loss. Smooth bead appearance.
Pawel E-6013	Rutile-acid, fast running electrodes for general fabrication work, storage vessel and vehicle construction. Fast deposition, clean, spatter-free bead appearance, easy deslagging, including fillet welds and constricted joints.
Pawel Citobest	Rutile-cellulosic type electrode for container and storage vessel applications; also for rolling stock construction. Cold running and therefore suitable for light gauge sheetmetal work. Very suitable for external corner beads and fillet welding in the vertical down position.
Pawel Overcord S	Medium-coated, rutile cellulosic electrode specially suitable for light gauge sheet welding. When fillet welding, the electrode can be kept in contact with the workpiece with no resultant excess convexity. Automatic striking. Very little spatter loss. Smooth bead appearance.
Mild Steel Special Electrodes	
Pawel Ferrocito	Heavy coated rutile high-efficiency electrode with 160% recovery . Suitable for container and storage vessel construction; filler and capping runs of multi-lay weldments. Goods notch toughness, automatic striking and restriking, bead can be drawn out. Excellent deslagging characteristics.
Low Hydrogen Electrodes	
Pawel Universe	Basic type universal electrode for application involving forging work, fabrication, boiler and pressure vessel construction. Outstanding welding characteristics in all positions, also weldable on a.c. No spatter loss and no undercutting.
Pawel Supercito	Basic type electrode with high recovery. Suitable for highly crack-resistant and tough joints , including Thomas grade and carbon steels up to 0.4% C. Good all-positional welding characteristics ready deslagging.
Fine Grained Structural Steel Electrodes	
Pawel Tenacito 75	Basic type electrode for high-tensile fine-grained structural steels. Good weldability in all positions. Low spatter loss. Easy slag removal. Regular seams, high crack resistance. Specific Characteristics of double coating make diameters up to 3.25 mm suitable for root passes and all-position welding.
Dissimilar Steel Electrodes	
Pawel Inox 29/9	Austenitic-ferritic electrode with a 25-30 % ferrite content . The weld metal of the Inox 29/9 is highly crack resistant and therefore suitable for difficult to weld steels and joining dissimilar materials, e.g. highalloy and unalloyed steels. Also suitable as a stress compensating buffer layer on parent metals susceptible to cracking. Good all-position weldability.
Electrodes For Buffer layer	
Citocromax-N	Basic type high-alloy, crack resistant electrode particularly suitable for difficult to weld steels, as well as for joining dissimilar steels and manganese-alloyed steels also suitable as a buffer layer when hardfacing.
Pawel 4370	Synthetic rutile high recovery electrode yielding an austenitic-ferritic deposit. Particularly suitable for joining non-alloy to high-alloy steels. Also recommended as a buffer layer for stainless cladding applications on non-alloy steels. Good striking characteristics. Stable arc, clean seam, low spatter loss.
Cast Iron (Non-machinable) Electrodes	
Pawel CI-600	A non machinable cast iron electrode Suitable for repairing of various kind of cast iron products.
Cast Iron (Machinable) Electrodes	
Pawel NiFe	Nickel-iron electrode for welding nodular graphite casting, Joining of grey cast iron and malleable cast iron and malleable cast iron with steels. Stable arc providing clean bead appearance. Electrode provides crack resistant bead without pore formation. Harening in the HAZ is avoided to a wide extent. Chip-forming machining processes can be used. Weld induced stresses can be reduced by hammer peening.
Pawel Super Ni 99	Nickel electrode for assembly and surfacing welds on grey cast iron. Stable arc providing clean bead appearance. Electrode provides crack resistant bead without pore formation. Chip-forming machining processes can be used. Weld induced stresses can be reduced by hammer peening. The electrode can be welded on AC and DC (pole +)
Hard Facing (Non-Machinable) Electrodes	
Pawel Mangan	Basic manganese-alloyed electrode for wear resistant hardfacing on building machines and gravel mixers as well as for parts subjects to impact and friction abrasion.

