



# CEWELD E AlMn1

TYPE	Coated Manganese alloyed aluminium electrode. ( AlMn1(Cu), Al 3103)											
APPLICATIONS	<p><b>CEWELD®E AlMn1</b> is suitable for joining aluminum alloys alloyed with manganese, copper, silicon and magnesium. Also excellently suited for joining different types of aluminum and for seawater applications. Suitable for storage tanks, truck and trailer parts, chemical tanks, food equipment. Also for build-up and repair welding e.g. on fractions and/or other castings. castings.</p>											
PROPERTIES	<p><b>CEWELD®E AlMn1</b> has very good weldability with good penetration and porosity-free weld metal, unique self-lifting slag and improved coating against moisture absorption. <b>CEWELD®E AlMn1</b> shows increased strength and excellent ductility due to the Mn content as well as excellent corrosion resistance. Welding instructions: Start with the upper part of the amperage range. Feed the electrode rapidly and move quickly to maintain a very close arc gap.</p>											
CLASSIFICATION	AWS	A 5.3: E 3003										
	EN ISO	18273: E AlMn1Cu										
	F-nr	21										
	W.Nr.	3.0515										
	W.Nr.	3.0516										
SUITABLE FOR	<p><b>Al 3103 (AlMn1(Cu)) 3.0516</b> Seawater resistant Aluminium, AlMn, AlMg alloys with max. 3% magnesium, <b>Mat.n:</b> 3.0506, 3.0515, 3.3315, 3.3318, 3.3328, 3.3527, 3.3535, 3.3541, 3.0525, 3.0526 AlMn0,6, AlMn, AlMn1, Al99,9Mg1, Al99,9Mg2, AlMgMn, AlMg1Mg0,5, AlMn1Mg1, AlMg3, G-AlMg3 <b>Iso. n:</b> 5005, 3103, 5005A, 5505, 5049, 5754, 5110, 3005, 3004</p>											
APPROVALS	No Approvals Found											
WELDING POSITIONS												
TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)	Si	0.15	Mn	1.2	Fe	0.25	Cu	0.1	Zn	0.05	Al	Rem.
ALL WELD MECHANICAL PROPERTIES	Heat Treatment	$R_{P0.2}$ MPa	Rm MPa	A5 (%)	As Welded /	50	115	18				
REDRYING TEMPERATURE	Not required											
GAS ACCORDING EN 14175												



# CEWELD E AlMn1

E ALMN1 2,5 X 350MM

Type	KG/unit	EANCode
Can	2	8720663406774

E ALMN1 3,2 X 350MM

Type	KG/unit	EANCode
Can	2	8720663406781

E ALMN1 4,0 X 350MM

Type	KG/unit	EANCode
Can	2	8720663406798