



# CEWELD E Al 99,8

**TYPE** SMAW stick electrode for welding aluminum and aluminum alloys.( E 1100, E Al99,0)

**APPLICATIONS** CEWELD®E Al99,8 are for Joining pure aluminum and alloys with maximum 0,5 % alloying elements in construction and or in maintenance, also ideal for cladding or rebuilding parts.

**PROPERTIES** CEWELD®E Al99.8 shows very good weldability with good penetration and non-porous weld metal, as well as a unique self-lifting slag and an improved coating against moisture absorption. Welding instructions:Start by using the upper portion of the amperage range and hold the electrode straight while moving forward quickly and maintaining a very short arc.

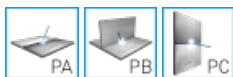
**CLASSIFICATION**

AWS	A 5.3: E 1100
EN ISO	18273: E Al 99,0Cu
W.Nr.	3.0286
F-nr	21

**SUITABLE FOR** **Al99.0, Mat.n:3.0259** Aluminium, pure  
**Mat.n:** 3.0205, 3.0255, 3.0257, 3.0275,  
**Iso. n:** 1200, 1050A, 1070A, 1350A  
 Al99.0, Al99.5, Al 99.7, EAl99.5, AlMn, AlMgSi

**APPROVALS**

**WELDING POSITIONS**



**TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)**

Mn	Cu	Zn	Al	Si+Fe
0.05	0.08	0.1	Rem.	0.3

**MECHANICAL PROPERTIES**

Heat Treatment	R <sub>P0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A5 (%)	Hardness
As Welded	45	90	25	HRc

**REDRYING** 140°C / 1 hr

**GAS ACC. EN ISO 14175**



# CEWELD E AL 99,8

E AL 99,8 2,5 X 350MM

Packaging	KG/unit	EanCode
Can	2	8720663406804

E AL 99,8 3,2 X 350MM

Packaging	KG/unit	EanCode
Can	2	8720663406811

E AL 99,8 4,0 X 350MM

Packaging	KG/unit	EanCode
Can	2	8720663406828