



# CEWELD E Al 99,8

|                |                                                                                                                                                                                                                                                                                                            |                                                     |  |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|--|
| TYPE           | Coated electrode for rapidly joining aluminum and aluminum alloys.                                                                                                                                                                                                                                         |                                                     |  |
| APPLICATIONS   | Joining pure aluminum and alloys with maximum 0,5 % alloying elements in construction and or in maintenance, also ideal for cladding or rebuilding parts. Can be used for flame welding as well.                                                                                                           |                                                     |  |
| PROPRIÉTÉS     | Very good weldability with good penetration and porosity free deposit, Unique self lifting slag and improved coating against moisture pick up. Welding instructions: Start the electrode with about 130% hot start and hold the electrode straight while moving quickly forward and keep a very short arc. |                                                     |  |
| CLASSIFICATION | AWS<br>EN ISO<br>W.Nr.<br>F-nr                                                                                                                                                                                                                                                                             | A 5.3: E 1100<br>18273: E Al 99,0Cu<br>3.0286<br>21 |  |
| CONVIENT POUR  | Al99.0, Mat.n:3.0259 Aluminium, pure<br>Mat.n: 3.0205, 3.0255, 3.0257, 3.0275,<br>Iso. n: 1200, 1050A, 1070A, 1350A<br>Al99.0, Al99.5, Al 99.7, EA199.5, AlMn, AlMgSi                                                                                                                                      |                                                     |  |

## AGRÉMENTS

## POSITIONS DE SOUDAGE



## ANALYSE CHIMIQUE TYPIQUE DU MÉTAL DE SOUDURE (%)

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

## PROPRIÉTÉS MÉCANIQUES

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

ETUVAGE Not required

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 |