



# CEWELD E Corten

**TYPE** Cu and Ni alloyed basic electrode for welding weather-resistant steels with yield strength of about 460 MPa.

**ANWENDUNGEN** Corten steel structures, artwork, bridges

**EIGENSCHAFTEN** Basic electrode for weather resistant steel such as, Patinax, Corten, Acor 50, HSB 51, etc. Excellent mechanical properties and well suited for use at sub zero temperatures.

**KLASSIFIKATION**

AWS	A 5.5: E 8018-W2
EN ISO	2560-A: E 46 2 Z B 42 H5
W.Nr.	1.8962
F-nr	4
FM	1

**GEEIGNET FÜR** **CuNi, Reh ≤ 460MPa ISO 15608: 1.4**  
 1.8963, 1.8946, 1.8965  
 S235JRG2Cu, S235J2G4Cu, S235J0Cu, S235JRW, S355J0Cu, S355J2G3Cu, S355J0W, 235J2W-  
 S355J2W, S355K2W, WTSt 37, WTSt 52,  
 ASTM A 588M Grade A,B, C...K, A 618 Gr. II; A 709 Gr. 50 WF3  
 CORten A, B, C, Patinax 37

**ZULASSUNGEN** CE

**SCHWEISSPOSITIONEN**



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

C	Si	Mn	Cr	Ni	Cu
0.07	0.7	1.05	0.55	0.5	0.45

**MECHANISCHE GÜTEWERTE**

Heat Treatment	R <sub>P0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	Impact Energy (J) ISO-V	Hardness
				-20°C	
As Welded	540	650	22	75	HRc

**RÜCKTROCKNUNG** 400°C / 1 hr

**GAS ACC.** EN ISO 14175



# CEWELD E Corten

E CORTEN 2,5 X 350MM

Packaging	KG/unit	EanCode
Can	2,6	8720663400680

E CORTEN 3,2 X 350MM

Packaging	KG/unit	EanCode
Can	2,4	8720663400697

E CORTEN 4,0 X 450MM

Packaging	KG/unit	EanCode
Can	4,0	8720663400703