

CEWELD SA Corten

TYPE Solid welding wire for weather resistant steels

APPLICATIONS Weather resistant steels, art constructions, bridges, ovens, deco parts etc.

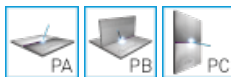
PROPERTIES Submerged arc welding wire for weather resistant steels such as Corten and Patinax to resist long term corrosion against weather influences. SA Corten wire can be used with FL188 (or an other type depending on the requirements and application).

CLASSIFICATION EN ISO 14171-A: S2NiCu1
FM 1

SUITABLE FOR **CuNi, Reh ≤ 460MPa ISO 15608: 1.4**
1.1845, 1.8946, 1.8958, 1.1861, 1.8963, , 1.8965, 1.1866, 1.1867, 1.1869,
S235JRG2Cu, S235J2G4Cu, S235J0Cu, S235JRW, S355J0Cu, S355J2G3Cu, S355J0W, 235J2W-
S355J2W, S355K2W, WTSt 37, WTSt 52,
Fe 360 C KI, Fe 360 D KI, Fe 510 C 1 KI, Fe 510 D 1 KI, Fe 510 C 2 KI, Fe 510 D 2 KI
ASTM A 588M Grade A,B, K, A 618 Gr. II; A 709 Gr. 50 WF3, A 242 Type 1
CORten A, B, C, Patinax 37, Weathering, DOCOL 355 W, DOMEX 355 W, Allwesta, DIWETEN...

APPROVALS CE

WELDING POSITIONS



TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

C	Si	Mn	Cu	Ni	Mo
0.09	0.25	1.05	0.45	0.85	0.03

MECHANICAL PROPERTIES

Heat Treatment	R _{p0.2} (MPa)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V	Hardness
				-30°C	
As Welded	566	640	23	65	HRc

REDRYING Not required

GAS ACC. EN ISO 14175



CEWELD SA Corten

SA CORTEN 2,4MM

Packaging	KG/unit	EanCode
K-415	25	8720663406323