



CEWELD SA Corten

TYPE

ANWENDUNGEN

EIGENSCHAFTEN

KLASSIFIKATION

GEEIGNET FÜR

ZULASSUNGEN

SCHWEISSPOSITIONEN

TYPISCHE CHEMISCHE ANALYSE DES FÜLLMETALLS (%)

MECHANISCHE GÜTEWERTE

RÜCKTROCKNUNG

GAS ACC. EN ISO 14175

Solid welding wire for weather resitant steels

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

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).

EN ISO
FM

14171-A: S2NiCu1
1

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...

CE

PA

PB

PC

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

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

Not required



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SA CORTEN 2,4MM

Packaging	KG/unit	EanCode
K-415	25	8720663406323