

CARBO Corten

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AWS A 5.1	E8018-G				
resistant constru whenever corros atmospheric corr	iction steels. This t sion occurs. There rosion and seawat	type of alloy is sl fore the deposits ter.	owly reacting are resistant to		
From –30° C up	to +450° C				
S235J2W (WTSt 37-3) bis S355J2G1W (WTSt 52-3), (Patinax, CORTEN, Dillicor) u. a.					
Tensile strength R _m N/mm²	Yield strength R _{eL} N/mm²	Elongation A₅ %	Impact strength ISO – V J - 50°C		
	AWS A 5.1 CARBO Corten resistant constru whenever corros atmospheric corr The electrode is From –30° C up S235J2W (WTS (Patinax, CORTI Tensile strength R _m	AWS A 5.1 E8018-G CARBO Corten is a basic coated resistant construction steels. This whenever corrosion occurs. There atmospheric corrosion and seawat The electrode is used for steel cor From -30° C up to +450° C S235J2W (WTSt 37-3) bis S355J2 (Patinax, CORTEN, Dillicor) u. a. Tensile strength R _m Yield strength P. N/mm²	AWS A 5.1 E8018-G CARBO Corten is a basic coated electrode for well resistant construction steels. This type of alloy is sl whenever corrosion occurs. Therefore the deposits atmospheric corrosion and seawater. The electrode is used for steel constructions, weldir From -30° C up to +450° C S235J2W (WTSt 37-3) bis S355J2G1W (WTSt 52-3 (Patinax, CORTEN, Dillicor) u. a. Tensile strength R _m Yield strength P. N/mm² Elongation		

Weld metal analysis	С	Si	Mn	Cu	Ni
(typical, wt %)	0.06	0,4	1.0	0,4	0,6

580

Current $= + / \sim , 65 V$

Welding positions PA, PB, PC, PD, PE, PF,

Rebaking 1 h, 350° C +/ - 10° C (if necessary)

Dia./Length	Amperage (A)	Pcs./packet	Pcs./carton	kg / 1000	kg / packet	kg / carton
2.5 x 350	70 – 110	234	935	21,4	5.0	20.0
3.2 x 350	100 – 150	138	552	36,2	5.0	20.0
4.0 x 450	130 – 200	85	340	70,8	6,0	24.0
5,0 x 450	190 – 280	54	218	110,2	6,0	24,0

> 460

> 22

> 47

Rev. 001

Statements on composition and application are just for the applier's information. Statements on mechanical properties always refer to the all-weld-metal according to valid standards. Carbo-Weld may change the characteristics of its products without notice. We recommend the applier to check our products for their special application autonomously.