



CEWELD E 7024 (200)

TYPE High efficiency, rutile electrode with approximately 200% metal recovery.(Typ E7024, E42 0)

APPLICATIONS CEWELD® E 7024 (200) is a high-performance electrode with a thick rutile coating and a deposition rate of 200%. For joining and surfacing in machine, car body and wagon construction as well as in the manufacture of tanks and containers and in shipbuilding. This electrode can also be used for all types of steel structures

PROPERTIES CEWELD® E 7024 (200) has a high current carrying capacity and good striking properties. This electrode is very economical thanks to low spattering losses and easy slag removal.

CLASSIFICATION

AWS	A 5.1: E 7024
EN ISO	2560-A: E 42 0 RR 73
F-nr	1
FM	1

SUITABLE FOR **Rp < 420 MPa (60ksi) ISO 15608: 1.1 ReH < 275 MPa, 1.2 275 < ReH < 360 MPa , (1.3 ReH > 360 MPa < 420 MPa)**
 1.0035, 1.0038, 1.0039, 1.0044, 1.0112, 1.0116, 1.0130, 1.0145, 1.0253, 1.0254, 1.0255, 1.0258, 1.0259, 1.0319, 1.0345, 1.0345, 1.0345, 1.0348, 1.0352, 1.0418, 1.0420, 1.0425, 1.0425, 1.0425, 1.0451, 1.0452, 1.0453, 1.0457, 1.0459, 1.0460, 1.0460, 1.0461, 1.0486, 1.0490, 1.0491, 1.0619, 1.1100, 1.0409, 1.0421, 1.0426, 1.0429, 1.0430, 1.0436, 1.0473, 1.0481, 1.0482, 1.0484, 1.0505, 1.0545, 1.0546, 1.0562, 1.0566, 1.0570, 1.0578, 1.0581, 1.0582, 1.8902, 1.8912, 1.8932
 S235JR-S355JR, S235JO-S355JO, P195TR1-P265TR1, P195GH-P265GH, L245NB-L360NB, L245MB-L360MB, L415NB, L415MB, WStE 380, WStE 420, S420NL
 A, B, D
 ASTM A 106, Gr. A, B; A 283 Gr. A, C; A 285 Gr. A, B, C; A 501, Gr. B; A 573, Gr. 58, 65, 70; A 633, Gr. A, C; A 711 Gr. 1013; API 5 L Gr. B, X42, X52, X56, X60, X65 (Root X 80)

APPROVALS CE

WELDING POSITIONS

TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)

C	Si	Mn	P	S
0.08	0.3	0.75	0.025	0.025

ALL WELD MECHANICAL PROPERTIES

Heat Treatment	R _{p0,2} MPa	R _m MPa	A ₅ (%)	Impact Energy (J) ISO-V
				0°C
As Welded /	450	550	23	65

REDRYING TEMPERATURE 140°C / 2 hr

GAS ACCORDING EN 14175



CEWELD E 7024 (200)

E 7024 (200) 4,0 X 450MM	Type	KG/unit	EANCode
	Can	3,2	8720663400857

E 7024 (200) 5,0 X 450MM	Type	KG/unit	EANCode
	Vacuum	2,8	8720682050774