



CEWELD 4370 Kb

TYPE	Basic coated electrode for dissimilar welding and bufferlayers						
APPLICATIONS	CEWELD® 4370 Kb is for joint welding of difficult-to-weld steels and black/white joints, has a high plasticity and is therefore very well suited for buffer layers before overlay welding and for welding of dissimilar steels. Suitable for buffer and intermediate layers on rails and switches, for valve seats and in hydroelectric power stations						
PROPERTIES	CEWELD® 4370 Kb is work-hardenable, has very good cavitation resistance, is crack-proof, is resistant to thermal shock, is scale-resistant up to 850°C and largely insensitive to sigma-phase embrittlement above 500°C, is also cold-tough down to -100°C.						
CLASSIFICATION	AWS	A 5.4: E 307-15					
	EN ISO	3581-A: E 18 8 Mn B 22					
	W.Nr.	1.4370					
	F-nr	5					
	FM	5					
SUITABLE FOR	19% Cr / 9% Ni / 7% Mn, ISO 15608: 8.1 Cr ≤ 19 % 1.3401, 1.5637, 1.5680, 1.4370 X 20 Cr 13, X 8 Cr 17, X 22 CrNi 17, X 5 CrNi 17, G-X 20 Cr 14 mix S355 42CrMo4, C45, 42MnV7, X120Mn12, 10 Ni 14, 12 Ni 19 etc. ASTM 307, 304, (409, 403, 405, 410, 420, 430, 440, 501, 502) Amor, Z 120 M 12 ,						
APPROVALS	CE						
WELDING POSITIONS	 PA  PB  PC  PF						
TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)	C	Si	Mn	P	S	Cr	Ni
	0.1	0.7	6	0.02	0.015	19	9.5
MECHANICAL PROPERTIES	Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V		Hardness
					RT		
	As Welded	410	600	36	80		300 HB
REDRYING	300°C / 2 hr						
GAS ACC. EN ISO 14175							



CEWELD 4370 Kb

4370 KB 2,5 X 300MM

Packaging	KG/unit	EanCode
Can	2,4	8720663416230

4370 KB 3,2 X 350MM

Packaging	KG/unit	EanCode
Can	2,6	8720663416261

4370 KB 4,0 X 350MM

Packaging	KG/unit	EanCode
Can	2,8	8720663416292

4370 KB 5,0 X 450MM

Packaging	KG/unit	EanCode
Can	2,8	8720663416315