



CEWELD E DUR 400 CrMo

certilas® THE FILLER METAL SPECIALIST

TYPE	Basic coated electrode for rebuilding heat resistant machine parts and buffer layers.					
APPLICATIONS	Hardfacing, rebuilding, overlays, machine parts, wheels, conveyors, crossings, buffer layers prior to Hardfacing etc.					
PROPRIÉTÉS	Outstanding alloy against high impact combined with abrasion including metal to metal friction and increased working temperatures up to 550 °C. Due to the high resistance to cracking and toughness, all weld metal requires no buffer layer except on materials considered critical. Suited for wear parts subject to heavy impact and shock. The weld metal is machinable with carbide tip tools, hardening is possible. The maximum hardness is dependent on the base metal and is often achieved in the first layer.					
CLASSIFICATION	EN ISO	14700: E Fe3	DIN	8555: E 3-UM-40-PT		
CONVIENT POUR	Rebuilding worn machine parts, Stone crushers, Hammers, Gears, Cams, rails, crossings etc.					
AGRÉMENTS						
POSITIONS DE SOUDAGE	 PA	 PB	 PC	 PF		
ANALYSE CHIMIQUE TIPIQUE DU MÉTAL DE SOUDURE (%)	C	Mn	Cr	Mo	Fe	Si
	0.1	0.6	6.5	3	Rem.	0.4
PROPRIÉTÉS MÉCANIQUES	Heat Treatment	$R_{P0.2}$ (MPa)	R_m (MPa)	A5 (%)	Hardness	
	As Welded				400 HB	
ETUVAGE	300°C / 2 hr					

GAS ACC. EN ISO 14175



CEWELD E DUR 400 CrMo

certilas® THE FILLER METAL SPECIALIST

E DUR 400 CRMO 2,5 X
350MM

Packaging	KG/unit	EanCode
Can	3	8720663401601