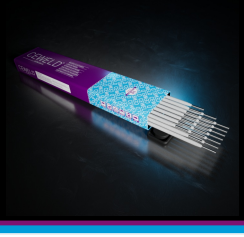


CEWELD E DUR 400 CrMo

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.

PROPERTIES

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

SUITABLE FOR

Rebuilding worn machine parts, Stone crushers, Hammers, Gears, Cams, rails, crossings etc.

APPROVALS

No Approvals Found

WELDING POSITIONS

TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)

C	Mn	Cr	Mo	Fe	Si
0.1	0.6	6.5	3	Rem.	0.4

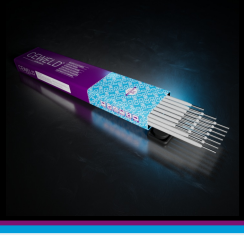
ALL WELD MECHANICAL PROPERTIES

Heat Treatment	$R_{P0,2}$ MPa	Rm MPa	A5 (%)		Hardness Rockwell C
As Welded /					Avg. 40

REDRYING TEMPERATURE

300°C / 2 hr

GAS ACCORDING EN 14175



CEWELD E DUR 400 CrMo

certilas® THE FILLER METAL SPECIALIST

	Type	KG/unit	EANCode
E DUR 400 CRMO 2,5 X 350MM	Can	3	8720663401601