



# CEWELD E DUR 64

**TYPE** Basic coated, high Chromium-Niobium based Hardfacing high recovery hardfacing electrode

**APPLICATIONS** CEWELD® E DUR 64 with a recovery 190% can be used for coverings with extreme abrasion and sliding wear resistance, but with medium impact resistance.

**PROPERTIES** Due to the high Mo-content, abrasion resistance can be kept up to working temperatures of 600 °C ; the hardness is still 40-45 HRc at these temperatures. For Hardfacing of more than 3 layers it is necessary to buffer with an electrode like [CEWELD® E DUR 350 Kb](#) that delivers a welding deposit of less hardness. Overlays on steel with high tensile strength have to be buffered with [CEWELD® 29/9 S](#) or [CEWELD® 4370 Ti](#) Equivalent in FCAW: CEWELD® OA 64

**CLASSIFICATION**

AWS	A 5.13: E FeCr-E4
EN ISO	14700: E Fe16
DIN	8555: E 10-UM-65- GTZ
F-nr	71

**SUITABLE FOR** Sugar mill knives and Hammers, Clinker crushers, Sintering lines, Fire gratings, Mixer blades, Gravel washing equipment, Ceramic mixer blades, Mill rollers, Stone crushers, Cxtruders etc....

**APPROVALS**

**WELDING POSITIONS**



**TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)**

C	Mn	Cr	Mo	Nb	V	Fe	W	Si
5.5	0.6	24	6	6	1	Rem.	2	0.9

**MECHANICAL PROPERTIES**

Heat Treatment	R <sub>P0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A5 (%)	Hardness
As Welded				61 HRc

**REDRYING** 300°C / 2 hr

**GAS ACC. EN ISO 14175**



# CEWELD E DUR 64

E DUR 64 3,2 X 350MM

Packaging	KG/unit	EanCode
Can	2,4	8720663402677

E DUR 64 4,0 X 450MM

Packaging	KG/unit	EanCode
Can	3,0	8720663402684

E DUR 64 5,0 X 450MM

Packaging	KG/unit	EanCode
Can	2,9	8720663402691