



# CEWELD E DUR 55

**TYPE** High efficiency hardfacing elektrode

**APPLICATIONS** Pump bodies, Mixer blades, Agitator arms, Concrete pumps.

**PROPERTIES** CEWELD E DUR 55 is a heavy coated high efficiency Hardfacing electrode with 160 % recovery. Suitable for applications subject to strong abrasive wear by minerals

**CLASSIFICATION**

AWS	A 5.13: E FeCr-A1
EN ISO	14700: E Fe7
DIN	8555: E 3-UM-50-CKRTZ
F-nr	71

**SUITABLE FOR** 54-62 HRc, Hardfacing loaders, buckets, pumps, cement crushing equipment, screws, mixers blades etc., excellent abrasion resistance and high wear resistance.

**APPROVALS**

**WELDING POSITIONS**



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

C	Mn	Cr	Si
4.5	1	25	1

**MECHANICAL PROPERTIES**

Heat Treatment	R <sub>P0.2</sub> (MPa)	R <sub>m</sub> (MPa)	A5 (%)	Hardness
As Welded				56 HRc

**REDRYING** 300°C / 2 hr

**GAS ACC.** EN ISO 14175