



# CEWELD E DUR 300 Kb

**TYPE** Basic coated electrode for Hardfacing machine parts, buffer layers and rebuilding rails and crossings..

**APPLICATIONS** hardfacing, rebuilding, overlays, machine parts, wheels, buffer layers, rails, crossings etc.

**PROPERTIES** Outstanding alloy against high impact combined with abrasion including metal to metal friction. The weld deposit of CEWELD E DUR 300 Kb is an exceptional easy to apply alloy without any risk for cracks and can also be applied on austenitic manganese steels, 300 HB is usually already almost obtained in the first layer. The weld deposit is machinable with tungsten tool tips. Very good weld deposit appearance and outstanding welding properties on both AC and DC+. Preheating is not required.

**CLASSIFICATION** EN ISO 14700: E Fe1  
DIN 8555: E 1-UM-300-P

**SUITABLE FOR** Rebuilding worn machine parts, Rails, Crossings, Stone crushers, Hammers, Gears, Cams, bearings, rope winches etc...

**APPROVALS**

**WELDING POSITIONS**



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

C	Si	Mn	Cr	Fe
0.1	0.5	1	1.2	Rem.

**MECHANICAL PROPERTIES**

Heat Treatment	R <sub>P0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	Hardness
As Welded				300 HB

**REDRYING** Not required

**GAS ACC.** EN ISO 14175



# CEWELD E DUR 300 Kb

E DUR 300 KB 3,2 X 350MM

Packaging	KG/unit	EanCode
Can	2,8	8720663401526

E DUR 300 KB 4,0 X 450MM

Packaging	KG/unit	EanCode
Can	3,0	8720663401533