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	No Approvals Found

WELDING POSITIONS

PA | PB | PC | PD | PE | PF

TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)

C	Si	Mn	Cr	Fe
0.1	0.5	1	1.2	Rem.

ALL WELD MECHANICAL PROPERTIES

Heat Treatment	$R_{P0,2}$ MPa	Rm MPa	A5 (%)	Hardness Brinell Hardness
As Welded /				Avg. 300

REDRYING TEMPERATURE	Not required
GAS ACCORDING EN 14175	

E DUR 300 KB 3,2 X 350MM

Type	KG/unit	EANCode
Can	2,8	8720663401526

E DUR 300 KB 4,0 X 450MM

Type	KG/unit	EANCode
Can	3,0	8720663401533

E DUR 300 KB 5,0 X 450MM

Type	KG/unit	EANCode
Can		8720663401540