



CEWELD E DUR 350 Kb

TYPE	Basic coated electrode for hardfacing machine parts, buffer layers and rebuilding rails and crossings..				
APPLICATIONS	Hardfacing and rebuilding machine parts that faces high impact and wear. The alloy is also excellent for buffer layers prior to Hardfacing.				
PROPERTIES	CEWELD® E DUR 350 Kb is a Hardfacing electrode against high impact combined with abrasion. This alloy has no risk for cracks and can also be applied on austenitic manganese steels. The weld deposit is good machinable. Very good weld deposit appearance and outstanding welding properties on both AC and DC+. Preheating is not required. Outstanding slag release.				
CLASSIFICATION	EN ISO	14700: E Fe1	DIN	8555: E 1-UM-350-P	
SUITABLE FOR	Rebuilding worn machine parts such as, Rails, Crossings, Wheels, Dredging parts, Stone crushers, Hammers, Gears, Cams, Bearings etc.				
APPROVALS					
WELDING POSITIONS					
TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)	C 0.15	Mn 1.1	Cr 3	Fe Rem.	Si 0.7
MECHANICAL PROPERTIES	Heat Treatment As Welded	$R_{P0.2}$ (MPa)	Rm (MPa)	A5 (%)	Hardness 370 HB
REDRYING	140°C / 2 hr				

GAS ACC. EN ISO 14175