



# CEWELD AA B57-62

**TYPE** Seamless medium alloyed basic fluxcored wire with slag for hardfacing using Ar-CO2 mix

**APPLICATIONS** Rebuilding and cladding parts against strong abrasion and heavy impact.

**PROPERTIES** Due to the high resistance to cracking and toughness, all weld metal requires no buffer layer except on materials considered critical. In this situation CEWELD® ER 100 S-G is recommended. Suited for wear parts subject to heavy impact and shock. The interpass temperature should be maximum 250°C. The weld metal is machinable by special carbide tools, hardening is possible. The maximum hardness is dependent on the base metal and is achieved in the first layer. For material considered critical to cracking we advise to buffer with one layer CEWELD® AA B460.

**CLASSIFICATION** EN ISO 14700: T Fe4

**SUITABLE FOR** 55-62 HRc hardfacing alloy against heavy impact and shock, bucket, loaders, crusher jaws, crusher cones, pumps, sand, snow scratchers, stone cutting tools etc.

**APPROVALS**

**WELDING POSITIONS**



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

C	Si	Mn	Cr	Mo
0.5	0.6	1.5	6	0.5

**MECHANICAL PROPERTIES**

Heat Treatment	R <sub>P0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A5 (%)	Hardness
As Welded				60 HRc

**REDRYING** Not required

**GAS ACC. EN ISO 14175** M21