

CEWELD FL 400

TYPE Agglomerated flux for SAW welding to obtain increased hardness with low and un-alloyed sub arc wires.

APPLICATIONS CEWELD® FL 400 is an **active SAW flux (C, Cr, Mo alloying characteristic)** designed for **hard surfacing** and joint welding of low alloyed wire electrodes. Reconditioning and hardfacing of parts subject to impact and wear, such as piston rod ends, mining parts, excavator parts, rolling bars, pressure rollers, cement rollers, dredging parts, coupling parts, crushing hammers, etc...

PROPERTIES CEWELD® FL 400 is an **agglomerated calcium-silicate** flux. It exhibits the constant chemical reactions typical of our alloyed fluxes.
Basicity according to Boniszewski: ~1.7
Flux density: 1.2–1.3 kg/dm³ (l)
Grain size acc. to ISO 14174: 2–16 (Tyler 10×65)
Current-carrying capacity: up to **800 A DC** using one wire 4.0 mm

CLASSIFICATION EN ISO 14174: SA CS 3 99 CCrMo AC

SUITABLE FOR Piston rod ends, mining parts, excavator parts, rolling bars, pressure rolls, cement rollers, dredging parts, coupling parts, crushing hammers. etc..

APPROVALS

WELDING POSITIONS



TYPICAL CHEMICAL COMPOSITION IN WEIGHT (%)	CaF ₂	CaO+MgO	SiO ₂ +TiO ₂ +Al ₂ O ₃
	10	25	55

MECHANICAL PROPERTIES

REDRYING Not required

GAS ACC. EN ISO 14175

CEWELD FL 400

FL 400 0,4-1,8MM

Packaging	KG/unit	EanCode
Bag	25	8720663404961