



# CEWELD SAS 550-VW

TYPE	Sintered hardfacing strip for rebuilding and overlay applications.												
ANWENDUNGEN	Rebuilding wornout parts such as screws, crusher hammers, drive tumblers, crusher rolls, dredging parts etc...												
EIGENSCHAFTEN	The weld deposit offers excellent wear resistance against shocks and abrasion as well. Already the first layer gives excellent results even on mild steel due to the low dilution of the electro slag process. Due to the low dilution with the base metal a hardness exceeding 50 HRc can be achieved already in the first layer. Multiple layers can be applied to obtain full hardness at the final layer. Flux to be used FL 830 ESH												
KLASSIFIKATION	EN ISO	14700: C Fe8											
GEEIGNET FÜR	52-58 HRc electro slag and / or submerged arc strip for hardfacing against shock and wear, Rebuilding wornout parts such as screws, crusher hammers, drive tumblers, crusher rolls, dredging parts etc.. For ESW welding <a href="#">FL 830 ESHC</a> should be used as welding flux to obtain the results mentioned in this datasheet.												
ZULASSUNGEN													
SCHWEISSPOSITIONEN													
TYPISCHE CHEMISCHE ANALYSE DES SCHWEISSMETALLS (%)	C	Mn	Cr	Ni	Mo	V	W						
	0.33	2.8	7	0.25	1.7	0.25	1.8						
MECHANISCHE GÜTEWERTE	Heat Treatment	$R_{P0,2}$ (MPa)	$R_m$ (MPa)	A5 (%)	Hardness								
	As Welded				56 HRc								
RÜCKTROCKNUNG	Not required												
GAS ACC. EN ISO 14175													