

ELT 300S is a high basic agglomerated flux especially designed for high speed (35 cm/min) electroslag strip cladding with stainless steel welding strip.

With pure austenitic or austenitic/ferritic strip, this flux is also suitable with normal welding conditions.

ELT 300S shows an excellent slag removal and good wettability with the base metal. Furthermore, ELT 300S has a very low moisture pick up and a low flux consumption should be noted.

If high speed conditions are not possible, ELT 300S is perfectly suitable for the standard cladding conditions.

Damp flux should be re-dried at 300-350°C.

Classification

EN ISO 14174: S A FB 2

Flux Main Components

CaF ₂	60 %
Al ₂ O ₃	20 %
SiO ₂	8 %

Boniszewski Basicity >3

Chemical analysis (Typical values in %)

		C	Mn	Si	Cr	Ni	Ferrite
All weld metal	SUPRASTRIP 24 13 L	0.02	1.4	0.45	19.5	11	6

Redrying

Re-dry at 300-350°C for 2 hours