

ESAB 56



A basic coated electrode for MMAW

Classification AWS A5.1: E 7016
IS: 814 5424H₂X



DESCRIPTION

ESAB 56 is a Basic coated, hydrogen controlled all-purpose electrode that can be operated using both DC and AC power sources in all positions. The fairly thin coating provides good accessibility to the joint. ESAB 56 has very smooth running performance with low spatter, requiring minimum post weld cleaning on account of its excellent de-slagging properties.

APPROVALS

DNV Gr3YH15, MMD, CIB

WELDING CURRENT: DC±, AC 70V

TYPICAL APPLICATIONS

For welding heavy section of mild and medium tensile steels that are subjected to dynamic loading. It is intended for welding carbon and C-Mn steels. It is also suitable for depositing non-machinable weld on Cast Iron.

TYPICAL ALL WELDMETAL PROPERTIES

Chemical Composition (%)				Mechanical Properties	
C	0.06	Mn	1.00	YS	450 N/mm ²
Si	0.45	S	0.021	UTS	550 N/mm ²
P	0.022			EL (L=5d)	29%
				Impact (CVN) at -30°C	110J

CURRENT RANGE & PACKING DATA

Size (mm)	Length (mm)	Current Range (Amps)	No. of Electrodes in a	
			Carton	Cardboard box
2.50	350	50-100	135	540
3.15	450	85-120	95	380
4.00	450	100-170	60	240
5.00	450	180-250	40	160

PACKING: Electrodes are packed in cartons and four of these cartons are shrink wrapped in a cardboard box.