

Coreshield 8

Coreshield 8 is a self-shielded flux cored wire designed to weld critical structural applications while maintaining excellent arc characteristics and high welder appeal using DCEN polarity. Coreshield 8 is tested and certified to meet the new AWS D designation requirements, making this self-shielded wire an excellent choice for demand critical welds when the AWS D1.8 Seismic Supplement is utilized

Classifications	SFA/AWS A5.20 : E71T-8 EN ISO 17632-A : T 42 2 Y N 2
Approvals	ABS 3YSA H10 BV SA3YM H10 CE EN 13479 CWB E491T-8-H16 DB 42.039.35 DNV III YMS H10 GL 3YS LR 3YS H10 NAKS/HAKC 1.6MM VdTUV 10019

Approvals are based on factory location. Please contact ESAB for more information.

Welding Current	DC-
Alloy Type	C Mn

Deposition Data

Diameter	Current	Wire Feed Speed	Deposition Rate	Deposition Efficiency %
1.8 mm (0.072 in.)	200 A	406 cm/min (160 in./min)	2.8 kg/h (6.13 lb/h)	79.4 %
1.8 mm (0.072 in.)	225 A	483 cm/min (190 in./min)	3.3 kg/h (7.32 lb/h)	80.3 %
1.6 mm (1/16 in.)	155 A	381 cm/min (150 in./min)	1.9 kg/h (4.16 lb/h)	78.6 %
1.6 mm (1/16 in.)	180 A	470 cm/min (185 in./min)	2.3 kg/h (5.14 lb/h)	79.6 %
1.6 mm (1/16 in.)	205 A	610 cm/min (240 in./min)	3.0 kg/h (6.60 lb/h)	78.2 %
1.6 mm (1/16 in.)	220 A	698 cm/min (275 in./min)	3.4 kg/h (7.53 lb/h)	78.9 %
2.0 mm (5/64 in.)	150 A	229 cm/min (90 in./min)	1.8 kg/h (3.96 lb/h)	80.6 %
2.0 mm (5/64 in.)	175 A	279 cm/min (110 in./min)	2.2 kg/h (4.83 lb/h)	80.9 %
2.0 mm (5/64 in.)	200 A	343 cm/min (135 in./min)	2.7 kg/h (5.93 lb/h)	80.4 %