

## Coreshield 8

An all positional self-shielded cored wire ideal for welding outdoor structural steelwork.

<b>Classifications</b>	SFA/AWS A5.20 : E71T-8 EN ISO 17632-A : T 42 2 Y N 2
<b>Approvals</b>	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 VdTÜV : 10019

<b>Welding Current</b>	DC-
<b>Alloy Type</b>	C Mn

### Typical Tensile Properties

Condition	Yield Strength	Tensile Strength	Elongation
<b>No shielding gas</b>			
As Welded	457 MPa	552 MPa	26 %

### Typical Charpy V-Notch Properties

Condition	Testing Temperature	Impact Value
<b>No shielding gas</b>		
As Welded	-20 °C	75 J
As Welded	-29 °C	63 J

### Typical Weld Metal Analysis %

C	Mn	Si	Al
<b>No shielding gas</b>			
0.17	0.45	0.12	0.50

### Deposition Data

Diameter	Current	Voltage	Wire Feed Speed	TTW Dist.	Deposition Rate
1.6 mm	140-250 A	18-22 V	3.18-6.98 m/min	13.0 mm	1.6-3.4 kg/h