

Celtian

Celtian is a cellulosic electrode especially developed for vertical down welding.

Specifications	
Classifications	EN ISO 2560-A : E 38 0 C 11
Approvals	ABS : 2 DNV-GL : 2

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

Welding Current	DC+
Alloy Type	Carbon manganese
Coating Type	Cellulosic

Typical Tensile Properties			
Condition	Yield Strength	Tensile Strength	Elongation
ISO			
As Welded	435 MPa	535 MPa	26 %

Typical Charpy V-Notch Properties		
Condition	Testing Temperature	Impact Value
ISO		
As Welded	0 °C	65 J

Deposition Data					
Diameter	Current	Voltage	Efficiency (%)	Fusion time per electrode at 90° I max	Deposition Rate
4.0 x 350.0 mm	120-160 A	41 V	60 %	59 sec	1.48 kg/h
5.0 x 350.0 mm	135-200 A	44 V	60 %	70 sec	1.94 kg/h