

# Coreweld 111 RB

AWS A5.20 E70T-1C / JIS Z3313 T49J0T1-0CA-U

## Description

- Coreweld 111 RB is a semi-metal cored wire with superior pit resistance in welding of primer coated steels. This wire shows good usability similar to conventional flux cored wires but provides deposition efficiencies approaching those of solid wires but with higher deposition rates.

Flux  
CORED  
WIRES

## Shielding Gas : 100%CO<sub>2</sub>

## Application

- Coreweld 111 RB is most suitable for fillet welding of inorganic zinc-rich primer coated steels, often used in the shipbuilding and bridge construction industries. It is also well suited to any application requiring the highest productivity welding in flat position.

## Typical Mechanical Properties of All Weld Metal

Yield Point N/mm <sup>2</sup> {kgf/mm <sup>2</sup> }	Tensile Strength N/mm <sup>2</sup> {kgf/mm <sup>2</sup> }	Elongation (%)	Impact Value J(kgf · m)	
			0 °C	-20 °C
510 {52}	570 {58}	27	93 {9.5}	62 {6.3}

## Typical Undiluted Weld Metal Analysis %

C	Mn	Si	P	S
0.05	1.34	0.63	0.014	0.011

\* Shielding Gas : CO<sub>2</sub>

## Approvals

ABS, LR, DNV, BV, RINA, GL, NK, KR, JIS, KS