

## TECHNICAL DATASHEET - WELDING CONSUMABLE

<b>AWS Code:</b>	ER2209
<b>Product Code:</b>	RW 2209
<b>Werkstoff No.:</b>	(1.4462)
<b>MIG Certification:</b>	CE - UKCA
<b>TIG Certification:</b>	CE - UKCA

### EQUIVALENT OF OTHER STANDARD

EN ISO 14343-A:2017 Nominal Composition	AWS A5.9:2017 Alloy Designation	EN ISO 14343-B:2017 Alloy Type	AWS A5.9:2017 Composition Designation
22 9 3 N L	ER2209	SS2209	ER2209

### DESCRIPTION AND APPLICATIONS

RW 2209 is an austenitic-ferritic stainless welding wire used for welding duplex stainless steels. Targets high resistance to pitting, intergranular and stress corrosion in chloride and H2S environments. Produces duplex weld metal with approximately 50 FN according to the WRC-92 diagram. RW 2209 targets corrosion resistance and balanced weld metal in duplex stainless welding operations.

### TYPICAL CHEMICAL COMPOSITION (%)

	Min.	Max.
<b>C</b>	-	0,03
<b>Mn</b>	0,50	2,00
<b>Si</b>	-	0,90
<b>S</b>	-	0,020
<b>P</b>	-	0,030
<b>Cr</b>	21,5	23,5
<b>Ni</b>	7,5	9,5
<b>Mo</b>	2,50	3,50
<b>Cu</b>	-	0,30
<b>N</b>	0,10	0,20
<b>Nb</b>	-	-
<b>Ti</b>	-	-

### DIAMETER

<b>MIG sizes</b>	0,8   0,9   1,0   1,14   1,2   1,6
<b>TIG sizes</b>	0,8   0,9   1,0   1,2   1,6   2,0   2,4   3,2   4,0
<b>SAW sizes</b>	1,6   2,0   2,4   3,2   4,0

### PACKAGING

<b>MIG</b>	Blue Metallic Wire Basket BS300: 15 Kg. Plastic Spool D300: 15 Kg. Plastic Spool D200: 5 Kg. Wooden/Metallic Bulk Spool: 250 Kg. Drum: 250-400 Kg.
<b>TIG</b>	Carton Boxes/Tubes: 5 Kg. (1000 mm Rod Length)
<b>SAW</b>	Metallic Wire Basket K415 Wooden/Metallic Bulk Spool: 250 Kg. Drum: 300 Kg.

Note: Safety Data Sheet is available on request.