



# CEWELD AA MnCr

|                                             |                                                                                                                                                                                                                                                                      |     |                         |                      |     |        |          |      |
|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------------------------|----------------------|-----|--------|----------|------|
| TYPE                                        | Gas shielded fluxcored welding wire for rebuilding and buffer layers before hardfacing with extreme resistance to heavy impact loads.                                                                                                                                |     |                         |                      |     |        |          |      |
| APPLICATIONS                                | Rebuilding heavy steel parts, buffer layers, winches, rails, rails crossings, dredger teeth, blast furnace mantles etc..                                                                                                                                             |     |                         |                      |     |        |          |      |
| PROPERTIES                                  | Austenitic deposit with strain hardening properties and no limits in the number of layers. The deposit is non magnetic and can not be flame cut and is extreme resistant to heavy impact loads..                                                                     |     |                         |                      |     |        |          |      |
| CLASSIFICATION                              | EN ISO                                                                                                                                                                                                                                                               |     | 14700: T Fe9            |                      |     |        |          |      |
| SUITABLE FOR                                | Rebuilding wornout parts, buffer layers, rebuilding rails and or crossings, dredger teeth, blast furnace mantles, winches.                                                                                                                                           |     |                         |                      |     |        |          |      |
| APPROVALS                                   |                                                                                                                                                                                                                                                                      |     |                         |                      |     |        |          |      |
| WELDING POSITIONS                           | <div>PAPBPC</div> |     |                         |                      |     |        |          |      |
| TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%) | C                                                                                                                                                                                                                                                                    | Si  | Mn                      | Cr                   | Ni  | Mo     | V        | Fe   |
|                                             | 0.4                                                                                                                                                                                                                                                                  | 0.4 | 16                      | 14                   | 1.2 | 0.6    | 0.2      | Rem. |
| MECHANICAL PROPERTIES                       | Heat Treatment                                                                                                                                                                                                                                                       |     | R <sub>p0,2</sub> (MPa) | R <sub>m</sub> (MPa) |     | A5 (%) | Hardness |      |
|                                             | As Welded                                                                                                                                                                                                                                                            |     |                         |                      |     |        | 240 HB   |      |
| REDRYING                                    | Not required                                                                                                                                                                                                                                                         |     |                         |                      |     |        |          |      |
| GAS ACC. EN ISO 14175                       | None, M21                                                                                                                                                                                                                                                            |     |                         |                      |     |        |          |      |



# CEWELD AA MnCr

AA MNCR 1,2MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| BS-300    | 15      | 8720663402943 |

AA MNCR 1,6MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| BS-300    | 15      | 8720663402950 |