

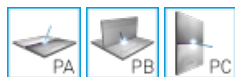


# CEWELD E DUR MnCr

|                |                                                                                                                                                                                          |                                                              |  |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|--|
| TYPE           | Basic Hardfacing electrode with high impact and wear resistance                                                                                                                          |                                                              |  |
| APPLICATIONS   | Basic electrode for rebuilding and joining cold straining Mn steels or rebuilding parts that are subject to high impact and rolling wear.                                                |                                                              |  |
| PROPRIÉTÉS     | There is no limit for the number of layers that can be applied in case of rebuilding but heat input should be kept low (as for Mn steel, interpass temperature should be kept < 250 °C). |                                                              |  |
| CLASSIFICATION | AWS<br>EN ISO<br>DIN<br>F-nr                                                                                                                                                             | A 5.13: E FeMnCr<br>14700: E Fe9<br>8555: E 7-UM-250-K<br>71 |  |
| CONVIENT POUR  | Rebuilding and joining cold straining Mn steels or rebuilding parts that are subject to high impact and rolling wear. Breaker teeth, Crushers, Hammers, Crossings, Rails.                |                                                              |  |

## AGRÉMENTS

## POSITIONS DE SOUDAGE



## ANALYSE CHIMIQUE TYPIQUE DU MÉTAL DE SOUDURE (%)

| C    | Mn   | Cr | Fe   | Si  |
|------|------|----|------|-----|
| 0.75 | 17.5 | 14 | Rem. | 0.4 |

## PROPRIÉTÉS MÉCANIQUES

| Heat Treatment | R <sub>P0.2</sub> (MPa) | R <sub>m</sub> (MPa) | A <sub>5</sub> (%) | Hardness |
|----------------|-------------------------|----------------------|--------------------|----------|
| As Welded      |                         |                      |                    | 270 HB   |

ETUVAGE 300°C / 2 hr

GAS ACC. EN ISO 14175



# CEWELD E DUR MnCr

E DUR MNCR 2,5 X 350MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| Can       | 2,5     | 8720663401496 |

E DUR MNCR 3,2 X 350MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| Can       | 2,5     | 8720663401502 |

E DUR MNCR 4,0 X 450MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| Can       | 3,0     | 8720663401519 |