



# CEWELD E DUR 350 Kb

|               |                                                                                                                                                                                                                                                                                                                                                                          |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TYPE          | Basic coated electrode for hardfacing machine parts, buffer layers and rebuilding rails and crossings..                                                                                                                                                                                                                                                                  |
| TOEPASSINGEN  | Hardfacing and rebuilding machine parts that faces high impact and wear. The alloy is also excellent for buffer layers prior to Hardfacing.                                                                                                                                                                                                                              |
| EIGENSCHAPPEN | CEWELD® E DUR 350 Kb is a Hardfacing electrode against high impact combined with abrasion. This alloy has no risk for cracks and can also be applied on austenitic manganese steels. The weld deposit is good machinable. Very good weld deposit appearance and outstanding welding properties on both AC and DC+. Preheating is not required. Outstanding slag release. |
| CLASSIFICATIE | EN ISO 14700: E Fe1<br>DIN 8555: E 1-UM-350-P                                                                                                                                                                                                                                                                                                                            |
| GESCHIKT VOOR | Rebuilding worn machine parts such as, Rails, Crossings, Wheels, Dredging parts, Stone crushers, Hammers, Gears, Cams, Bearings, Rope winches etc.                                                                                                                                                                                                                       |

## GOEDKEURINGEN

## LASPOSITIES



## TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)

| C    | Mn  | Cr | Fe   | Si  |
|------|-----|----|------|-----|
| 0.15 | 1.1 | 3  | Rem. | 0.7 |

## MECHANISCHE WAARDEN

| Heat Treatment | R <sub>P0.2</sub> (MPa) | R <sub>m</sub> (MPa) | A5 (%) | Hardness |
|----------------|-------------------------|----------------------|--------|----------|
| As Welded      |                         |                      |        | 370 HB   |

## HERDROGEN 140°C / 2 hr

## GAS ACC. EN ISO 14175