

CORODUR® 59

CORODUR® 59 is a highly C- Cr - alloyed flux-cored wire for applications in high mineral wear. It is suitable for hard facing of parts that are exposed to high abrasion in wet areas. The

overlaying thickness should not exceed 10mm which means a deposit of 2-3 layers. The deposit should be subjected to little impact stress.



Farming, gravel digger, Pumps, mixer paddles, concrete pumps, conveyor screws, impeller screws, track hoppers.

TYPICAL ALL WELD METAL ANALYSIS (%)

Base = Fe

| C | Si | Mn | Cr |
|-----|-----|-----|------|
| 5,0 | 1,2 | 0,4 | 33,0 |

| | |
|--------------|-------|
| Hardness HRc | 59-61 |
|--------------|-------|

ABRASION RESISTANT APPLICATIONS

PARAMETER

| Diameter | Voltage | Amps |
|----------|---------|---------|
| 1,6 | 20-26 | 160-260 |
| 2 | 22-26 | 240-280 |
| 2,4 | 24-27 | 280-340 |
| 2,8 | 25-28 | 320-400 |

Other Dimensions on demand

FORMS OF DELIVERY

| Unit | Weight |
|-------------|--------|
| Coil BS 300 | 15 kg |
| Coil B 450 | 25 kg |
| Drums | 300 kg |

G = Gas shielded, OA = Open Arc, SA = Submerged Arc