

Corodur Fülldraht GmbH sales@corodur.de www.corodur.de Tel.: +49 (0) 2154 8879 - 0

## DIN EN 14700 T Fe 15-55-G

## CORODUR<sup>®</sup> 51

CORODUR® 51 OA is a flux-cored wire which deposits a martensitic matrix with a high content of Cr-Carbides M7C3 with excellent resistance to abrasion and medium impact up to 450°C. It can be applied whenever high abrasion is expected. Best results are achieved by

58-59

welding in two layers. The deposit can not be machined or forged. Before overlaying old previously hardfaced surfaces a buffering layer of CORODUR<sup>®</sup> 200 K or CORODUR<sup>®</sup> 250 K is recommended.

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Pumps, mixer parts, conveyer screws, shovel-bucket, scrapers, blades, fan-blades.

TYPICAL /	ALL WELD N	/IETAL ANAL	YSIS (%)		Base = Fe
С	Si	Mn	Cr	В	
4,5	1,2	0,4	21,0	+	
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PARAMETER	FORMS OF DELIVERY				
Diameter	Voltage	Amps		Unit	Weight
1,2	18-24	140-240		Coil BS 300	15 kg
1,6	22-26	160-260		Coil B 450	25 kg
2	22-26	240-280		Drums	300 kg
2,4	24-27	280-340			
2,8	25-28	320-400			

Other Dimensions on demand

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

Corodur Fülldraht GmbH may change the characteristics of the wire without notice. Statements on composition and application are just for the applier information. Statements on mechanical properties always refer to the all-weld-metal according to valid standards. We recommend the applier to cher our products for their special application autonomously.