

DURMAT FD 580

CLASSIFICATION:

DIN 8555
MF 6-50-PT

GENERAL CHARACTERISTICS:

This C-, Cr-, Mo-, W- alloyed flux cored wire is suitable for hardfacing areas that require a deposit that is durable and abrasive resistant. Preheating when welding DURMAT FD 580 is solely dependant on the base material. With complex base materials, a buffer layer should be used such as DURMAT FD 200K or 250K.

APPLICATION:

Guiding rolls, Shredders, Hot working tool steels.

TYPICAL ALL WELD METAL ANALYSIS (%):

C	Cr	Mo	V	W
0,35	5,0	1,5	0,4	1,2

TYPICAL ALL WELD METAL MECHANICAL PROPERTIES:

Deposited Hardness: 48 - 52 HRc

PARAMETER:

Diameter	Volt	Ampere
1,6	20 - 26	160 - 260
2,0	22 - 26	240 - 280
2,4	24 - 27	280 - 340
2,8	25 - 28	320 - 400

FORMS OF DELIVERY:

Coil "BS 300" = 15 kg | Coil "B 450" = 30 kg | Pay off packs = 300 kg

Also available as gas-shielded (82% Argon / 18% CO₂ or Argon with 1% O₂ or CO₂) or as SA wires with neutral fluxes.