

Hardfacing electrode resistant to Impact, compression and abrasion

STARBLAZE HF 550

Classification

DIN EN 8555: E6-UM-60P

Description and applications

Rutile type hard surfacing electrode for tough - hard, impact tough And abrasive resistant surfacing on unalloyed and low alloyed materials with higher tensile strength. Recommended For surfacing on machine parts, dredge teeth, beater bars, conveyor worms, mill hammers, mixer arms, crusher jaws,cones.......

Typical weld metal Chemical Composition (%)

С	Si	Mn	Cr	٧	Мо	Fe
0.60	0.40	0.60	7.00	0.60	0.70	Rem

All weld metal Mechanical properties (Typical)

Hardness				
57- 61 HRc				

Obtained in pure weld metal

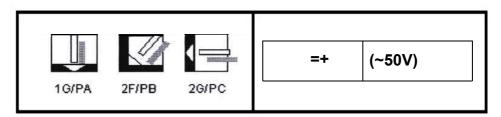
Amperes (A)

3.15mm	4.00mm	5.00mm	
90- 120	140- 180	180- 240	

Welding instruction

Guide electrode with a short arc. On materials sensitive to cracks use a buffer-layer of 18/8Mn type is recommended. Low alloyed, high carbon tool steels etc, have to be preheated to 200-400°C, depending on their composition and thickness. Slow cooling in still air after surfacing.

Welding Positions



Stellaris Specialities India Ltd.

(Division: StarBlaze India)
GST No.: 06AAICS2482B1ZK / Legal Metrology No.: GOI/DL/2022/4850
Plant 1: A-125, Okhla Industrial Area, Phase 2, New Delhi - 110020
Corporate Office & Plant 2: 552, Pace City II, Sector 37, Gurugram, Haryana - 122001
Plant 3: B-100, Mayapuri Industrial Area, Phase-1, Near Police Station, New Delhi-110064
Plant 4: A-334, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan - 301707

Tel: +91 124 4499523 I Email: sales@starblazeindia.com I Website: www.starblazeindia.com

Revised on: 21/02/2024

Make Better

'Technical Modification Reserved'