

BORODUR

Characteristics :

BORODUR IS a specially designed wear resistance weld overlay plate. overlay chemistry exhibits extremely rich carbides of Chromium carbide (M7C3) in hard matrix makes the alloy suitable for fine, wet or dry abrasive wear which have high % of Cr-C. The high % of primary carbide provides good resistance against multiple wear factors. The weld deposit has a high hardness typically upto 65 HRC. Recommended to use upto double layer.

Welding recommendations:

The resulting deposits cannot be heat treated, machined or forged.

Applications :

Dredge components, chutes and scrapper blades

Major alloying elements:

C	Mn	Si	Cr	+ others
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OBSERVATION :

OVERLAY THICKNESS	HARDNESS RC
4.00mm	59 - 62
8.00mm	60 - 64

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