

UP-I

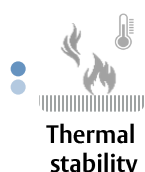
Composite Wear Plate With High Impact Resistance



Abrasion



Impact



Thermal
stability

Introduction

UP-I composite wear plate is developed for abrasion situation accompanied with high impact, it overcomes the intrinsic limitation of high carbon content materials which is regarded to be brittle using our self-designed equipment and post weld treatment technique.

Composition & Properties

C	Cr	Fe	Other	Hardness (HRC)	ASTM G65 Procedure A
≥ 3.2	≥ 20	Bal.	Nb, B	≥ 57	≤ 0.20

* Composition in wt%

* Special manufacturing process brings high impact resistance

Description

Characteristic	Data
Standard Thickness* (mm)	Base material ≥ 8mm, Hardfacing ≥ 8mm
Standard Size* (mm)	1,200 × 2,400 1,500 × 3,000 2,200 × 3,000
Operation Temperature (°C)	≤ 450
Machinability	EDM, Plasma, Laser cutting Stud bolt, Countersink, Gouging
Formability	R ≥ 350 (for 8+8, overlay inward)
Base Plate*	Q235B (SS400, S235JR)

* Customizable



UP GROUP

E-mail: info@upplate.com
www.upplate.com