



Technical Data Sheet

STEELGUARD 105 Wc

PLATE CONTAINING A HIGH LEVEL OF TUNGSTEN CARBIDES IN A 60 HRC MATRIX

DESCRIPTION

The STEELGUARD 105 Wc is a steel plate (mild or stainless steel) covered with a Ni-Cr-B-Si alloy and a high concentration of tungsten carbides.

TECHNICAL DATA

COATED SURFACE DIMENSIONS	UPON REQUEST
BASE MATERIAL	MILD STEEL / STAINLESS STEEL
COATED WELDED SURFACE HARDNESS	60 HRC CARBIDE HARDNESS + 1,750 HVO.03
AVAILABLE THICKNESS	1/8" TO 1/4"
MAX. SERVICE TEMPERATURE - °F	ABOUT 1,200 – 1,450°F

APPLICATIONS

For any application requiring resistance to severe abrasion with fine particles. Its light weight makes it the ideal component to manufacture fan blades

INDUSTRIES

Cement Plants – Steel Mills – Mines and Quarries – Waste Removal and Recycling – Glass – Coal Boiler

ADDITIONAL INFORMATION

Can be cut and shaped as needed (Adding dowels, drilled, bent, etc.)

WWW.STEELGUARD.COM

Info@steelguard.com / rpepin@steelguard.com

Tel: (450) 237 0571

Cel: (514) 889 5558



13, rue Mill
Howick, QC J0S 1G0