



## Technical Data Sheet

### STEELGUARD 85 SA

STEELGUARD – 85 SA is a chromium carbide plate specially formulated for applications including severe abrasion and moderate impact. Steelguard 85SA has a low coefficient of friction.

#### DESCRIPTION

STEELGUARD 85 SA is a chromium carbide wear plate for applications including severe abrasion combined to moderate impact. It offers optimal wear resistance, thanks to its hyper eutectic microstructure. The welded coating contains a high concentration of chromium carbides across the coating transversal section.

#### TECHNICAL DATA

COATED SURFACE DIMENSIONS	86" X 118"
BASE MATERIAL	MILD STEEL / CXHT – 4550
COATED WELDED SURFACE HARDNESS	58 – 62 HRC
AVAILABLE THICKNESS	3/8" UP TO 3"
MAX. SERVICE TEMPERATURE - °F	ABOUT 1,250°F

#### APPLICATION

For any application requiring resistance to severe abrasion and moderate impact up to 1,250°F.

#### INDUSTRIES

Cement Plants – Steel Mills – Energy Production – Mines & Quarries – Glassware Transportation – Recycling industry

#### ADDITIONAL INFORMATION

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

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