Glassplate™

For Welding **Professionals**

Welding Alloys

A wear plate dedicated to the glass industry

Glassplate™ is designed to withstand exposure to very high levels of abrasive wear specifically for applications in the glass industry.

Glassplate™ exhibits a high chromium carbide content and an ultra-low nickel content, reducing the risk of contamination of downstream glass products.

For areas where weight restrictions apply we have developed Glasslite™ a lightweight and ultra-thin plate with the same low nickel content.

Features

- Total overlay thicknesses from 2 - 15 mm*
- Total nickel content less than 0.05%
- Available in a flat product form
- Hardness of 58 - 68 HRC*
- Wear resistance is maintained at temperatures of up to 300°C (570°F)
- Excellent resistance to abrasion, corrosion and oxidation

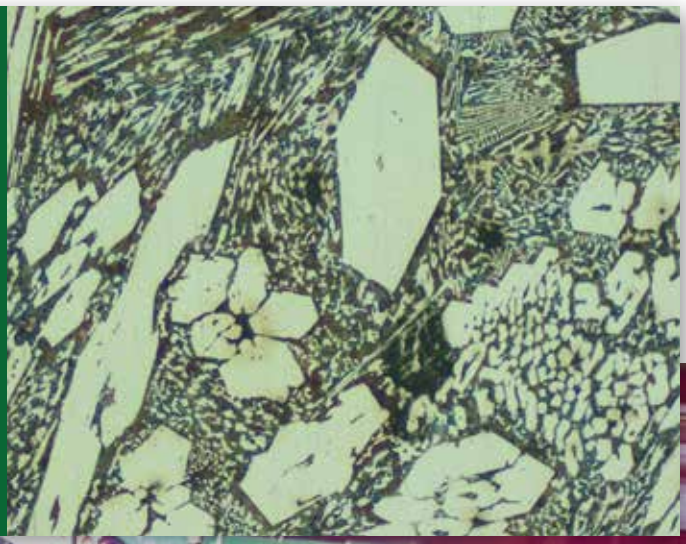
* depending on the plate type

Benefits

- Reduced risk of nickel sulphide (NiS) formation
- Reduced risk of contamination of the downstream glass products
- Reduced total cost of ownership
- Extended wear life
- Reduced maintenance demand
- Does not adversely affect produced glass quality

Why choose this solution?

- Most suitable for areas subject to abrasive wear
- Tailored solution for applications in the glass industry
- Can be supplied as pre-cut profiles to drawings or as manufactured components
- Integra™ service centres located globally
- Wear resistant properties far exceeding those of quenched and tempered abrasion resistant steels



Improved Performance

The extremely low nickel content in Glass*plate*™ considerably reduces the risk of nickel sulphide (NiS) formation and spontaneous glass failure. In industrial applications it has been shown to reduce total cost of ownership, through prolonged wear life and reduced maintenance requirements. Glass*plate*™ is the ideal solution for applications such as, hoppers, chutes, crushers and screens.

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