

Xlerplate®



PRODUCT UPDATE

Lasercut 250

Structural steel grade produced on a plate mill specifically designed for laser cutting.



Quality Cut

When surface quality and flatness are crucial for laser cutting, whether it's a straight cut or intricate shapes, BlueScope's XLERPLATE® steel Lasercut 250 is a specially designed product for laser profiling.



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Laser cutting technology offers the advantages of speed, precision and “quality of cut” over more conventional forms of cutting steel.

Surface quality and flatness have a large impact on the ability to laser cut steel and the “quality of the cut”. To be suitable for laser cutting, steel must have a thin, tightly adherent surface scale, be free from contaminants and stay flat after cutting.

Recognising these needs, BlueScope has developed XLERPLATE® steel Lasercut 250, a grade equivalent in terms of strength to traditional AS/NZS 3678-250 with the added benefit of a specially designed chemical composition to significantly improve laser cutting ability.

Specially designed chemistry

- Reduced silicon levels to improve laser cutting while maintaining excellent weldability, formability and galvanising.

Improved surface quality

- XLERPLATE® steel Lasercut 250 exhibits a thinner, more adherent scale layer than standard plate
- Surface is further protected via packaging at the plate mill to reduce surface exposure during transportation and storage
- Ink-based plate branding should result in reduced interference whilst laser cutting.

Flatness

- XLERPLATE® steel Lasercut 250 is produced on the plate mill at BlueScope's Port Kembla plant.
- Product originating from a plate mill is produced without the need to coil the steel during the manufacturing process.
- The problems associated with levelling heavier gauge coil and the formation of residual stress during the uncoiling process are minimised, resulting in plate of flatness levels required for the laser cutting process.

Small pack masses and short lead times

PRODUCT AVAILABILITY: XLERPLATE® steel Lasercut 250						
Thick (mm)	Width (mm)	Length (mm)	Nominal Pack Mass (tonnes)	Plates Per Pack	Lead Times (Weeks)*	
					NSW, VIC, ACT all SA & QLD Metro	SA & QLD Country
16	1500	3000	2.8	5	6	7
		6000	4.5	4	6	7
20	1500	3000	2.8	4	6	7
		6000	5.6	4	6	7
25	1500	3000	2.6	3	6	7
		6000	3.5	2	6	7

Minimum order quantity for distributors are listed in the price schedule.

To learn more about Lasercut 250 or to obtain a datasheet

steel.com.au/lasercut250

1800 800 789



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PLEASE NOTE: Care must be taken to minimise exposure to moisture/rain, as such exposure may accelerate the formation of surface rust which can compromise the laser cutting benefits of this product. Steel strapping is designed to hold plates to dunnage and should not be relied on for lifting packs.

* Product not available in Western Australia, Northern Territory and Tasmania.

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