





NATIONAL CONSTRUCTION CODE OF AUSTRALIA (NCC) COMPLIANCE STATEMENT

LYSAGHT® STEEL FENCING SCREENING PRODUCT RANGE

		Issuing entity: BlueScope Steel Limited	Ref #: LYS-NCC- Fencing	Version: V1.0	Issue Date: 23/08/2019	
Application		NCC Class 10b Structure (Fence) – Reference: NCC 2019 BCA Volume 1, Section A, part A6 Building Classification, Clause A6.10 Class 10 buildings and structures				
Scope of Use		All products noted below may be used as boundary fencing when designed using the individual technical data available for each product at www.lysaght.com				
Products³		LYSAGHT NEETASCREEN® LYSAGHT NEETASCREEN PLUS® WITH LATTICE LYSAGHT NEETASCREEN PLUS® WITH SLATS	LYSAGHT SMARTASCREEN® LYSAGHT SMARTASCREEN PLUS® WITH LATTICE LYSAGHT SMARTASCREEN PLUS® WITH SLATS	LYSAGHT MINISCREEN® LYSAGHT MINISCREEN PLUS® WITH LATTICE LYSAGHT MINISCREEN PLUS® WITH SLATS	LYSAGHT CUSTOMSCREEN® LYSAGHT CUSTOMSCREEN® WITH SLATS LYSAGHT CUSTOMSCREEN® WITH LATTICE	LYSAGHT SLATSCREEN® LYSAGHT LOUVRESCREEN®
Product Attributes	Base Metal Thickness Range	Fence Posts and Rails 0.8 mm	Fence Infills: 0.35 mm	Fence Slats: 0.35 mm SLATSCREEN®/LOUVRESCREEN® infill slats - 0.55 mm	Fence Lattice: 0.42 mm	
	Min Yield Strength	550 MPa				
Base Material Brand Name		 COLORBOND® steel			 ZINCALUME® steel with electrostatic coating	
Typical Environments		For Low corrosive environments; >1000 m from breaking surf >1000 m from calm marine			For Low corrosive environments; >1000 m from breaking surf >1000 m from calm marine	
Material Specification	Coating	Z275 275 g/m ² minimum metallic coating mass, (Zinc) to AS 1397:2011	AM100 100 g/m ² minimum metallic coating mass, (aluminium/zinc/magnesium alloy) with Activate™ technology to AS 1397:2011	AM100 100 g/m ² minimum metallic coating mass, (aluminium/zinc/magnesium alloy) with Activate™ technology to AS 1397:2011	AM125 125 g/m ² minimum metallic coating mass, (aluminium/zinc/magnesium alloy) with Activate™ technology to AS 1397:2011	
	Paint	Paint Coating to AS2728 : 2013	Paint Coating to AS2728 : 2013	Paint Coating to AS2728 : 2013	Electrostatically coated with 50-70 of Microns Interpon MetaPrep and a further 60-80 Microns of Interpon D1000 Excel	
Warranty²		Up to 10 Years ²			Up to 10 Years ²	
NCC Compliance		NCC Volume 1 B1.1 Resistance to Actions: Lysaght published installation guidelines include a design selection. The design selection data has been based on the fence panel capacity and the required resistance as determined from AS/NZS 1170.2 2011 (R2016) Part 2 Wind Loads. The fence panel capacities have been determined by testing in the Lysaght R&T testing facility that has NATA accreditation.				
Acceptable Construction Manuals		LYSAGHT® FENCES & GATES Design and Installation Guide (Non Cyclonic) available at www.lysaght.com LYSAGHT® FENCES & GATES Design and Installation Guide (Cyclonic) available at www.lysaght.com LYSAGHT® Product Advisory Bulletins Guides and Technical materials available at www.lysaght.com				
Australian Standards Compliance		Lysaght published installation guidelines include a design selection. The design selection data has been based on the fence panel capacity and the required resistance as determined from AS/NZS 1170.2 2011 (R2016) Part 2 Wind Loads. The fence panel capacities have been determined by testing in the Lysaght R&T testing facility that has NATA accreditation AS 1397-2011 - Continuous hot dip metallic coated steel sheet and strip - Coatings of zinc and zinc alloyed aluminium and magnesium and Pre-painted products - Pre-finished /pre-painted sheet metal products for interior/ exterior applications AS1397 defines the coating types and classes and steel grades for hot dip metallic coated steel. Product made to other standards may not meet the ductility or strength requirements assumed by design standards or the minimum coating class requirements critical to building durability. LYSAGHT® product coating compliance is nominated at "Coating" above. AS/NZS2728 specifies requirements for the physical properties and long-term durability of pre-finished/pre-painted sheet metal products. LYSAGHT® pre-painted compliance is nominated at "Paint" above for Performance requirement 1.3.1 Metal products Hot dipped metallic coated steel (types Z, ZM, AZ, AM) complying with AS1397, stainless steel, aluminium or aluminium alloy in the form of sheet, coil or strip.				

¹ National Association of Testing Authorities

² Warranties apply against corrosion to perforation due to weathering in the natural environment only

³ Refer to www.lysaght.com for product availability