

Prepainted - PP

GENERAL DESCRIPTION

HRP Antibacterial® is a prepainted steel with hot dipped aluminium-zinc alloy coated substrate with food grade and antibacterial feature on the top surface.

TYPICAL USES

For clean room or hygiene building application

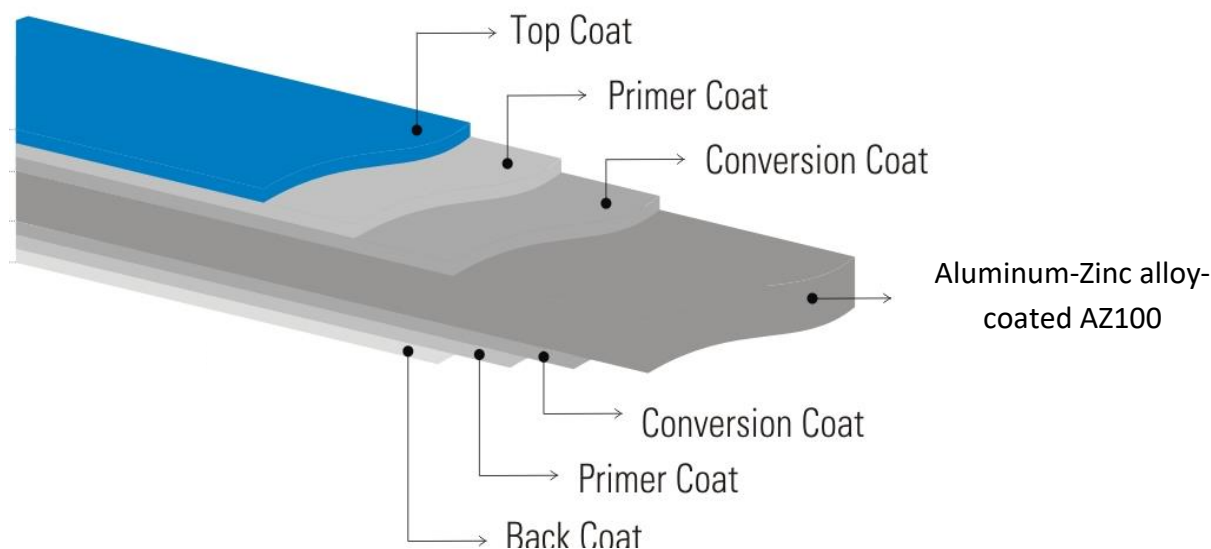
INDONESIA STANDARD

SNI 4096:2007 Baja lembaran dan gulungan lapis paduan Aluminium – seng (Bj.L AS)

SNI 8305:2019 Baja lembaran dan gulungan lapis paduan aluminium dan seng dengan atau tanpa magnesium lapis cat atau laminasi (Bj.LAS warna/Bj.LASM warna)

PRODUCT INFORMATION

SUBSTRATE	G300 AZ100 steel (Aluminum-Zinc alloy-coated steel) (Refer to Note 4)
PRETREATMENT	Corrosion-resistant proprietary conversion coating
PRIMER COAT	Universal corrosion inhibitive primer. Nominal dry film thickness 5µm each side
FINISH COAT	Custom-formulated super polyester paint system with high-performance pigments. Nominal dry film thickness 17µm on the top or weather side.
BACKING COAT	Custom formulated Foam Grey. Nominal dry film thickness 5µm
COLOUR	Putih Geranium



PT NS BLUESCOPE INDONESIA

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Guaranteed Properties of Steel Based

Mechanical Properties	Guaranteed Minimum
	G300
Yield Strength (MPa)	300
Tensile Strength (MPa)	340
Elongation (% - on 50mm)	20

Chemical Properties of Steel Based

Elements	Guaranteed Max (%)
	G300
Carbon	0.30
Mangan	1.60
Phosphorus	0.040
Sulphur	0.035

Fabricating Performance

Method	G300
Bending	Excellent
Drawing	Limited
Pressing	Good
Roll Forming	Excellent
Painting (pretreatment)	Excellent
Welding	Good

Dimensional Capabilities

Thickness (BMT)	Width Range
	G300
0.45	914, 1219
0,60	914, 1219

Notes:

- The dimensions are a reflection of the technical capability to produce an applicable market offer
- Supply condition may be subject to dimensional restrictions and is subject to PT. NS BlueScope Indonesia Sales and Marketing confirmation.
- Optional supply conditions may be subject to dimensional restrictions.
- Typical mechanical properties are based on typical dispatched to the Customer.

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IMPORTANT NOTES

1. All warranties for a product, if any, are subject to eligibility. Terms and conditions apply. Nothing in this document is intended by BlueScope to extend, modify or otherwise affect any stated product warranty. To find out more, please contact your nearest BlueScope sales office.
2. The antibacterial additives are incorporated into the topcoat during the paint manufacturing process to provide antibacterial properties during the life of the product. The inclusion of the antibacterial additive is not a substitute for good hygiene practices, but significantly increases the level of protection against bacteria in between cleanings and in areas difficult to reach during cleaning regimes.
3. Customers should use the product promptly (within 6 months) to avoid the possibility of storage-related corrosion.
4. For most products, the metallurgical ageing process which is inherent in the paint stoving cycle will result in some loss of ductility compared with the unpainted product. However, minimum strength levels designated by relevant standards will still be applicable.
5. Improper storage or use of non-approved roll-forming lubricants may cause brand transfer and paint blushing, and may adversely affect colour and long-term durability. The product in coil or sheet pack form must be kept dry.

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