

SHINEPLUS™

STYLISH • TIMELESS



YKGI GROUP

Our Mission •

We make safe, reliable and affordable steel products for everyone.

Our Vision •

Preferred value-added coated steel and building materials group by 2020.

Our Values •

• Safe • Reliable • Customer Focus • Cost Effectiveness & Efficiency



CONTACTS OF YKGI GROUP OF COMPANIES

YKGI HOLDINGS BERHAD (032939-U)

Registered Address/Head Office & Factory (Klang)

Wisma YKGI, Lot 6479 Lorong Sungai Puloh/KU6
Kawasan Perindustrian Sungai Puloh
42100 Klang Selangor Darul Ehsan Malaysia
Tel: +60 3 3297 5555/3291 5189 Fax: +60 3 3290 6668/3291 6193
Website: <http://www.ykgigroup.com> E-mail: ykgi@ykgigroup.com

Subsidiaries (Sabah & Sarawak)

ASTEEL Resources Sdn. Bhd. (1103206-T)

ASTEEL Sdn Bhd (393042-D)

Kuching Office, Factory & envio Concept Store

Lot 712 Block 7 Demak Laut Industrial Park
93050 Kuching Sarawak Malaysia
Tel: +60 82 433 888 Fax: +60 82 433 889

Bintulu Office & envio Concept Store

Lot 10110 Block 32 Kemena Land District
Mile 6 Jalan Bintulu/Sibu 97000 Bintulu Sarawak
Tel: +60 86 315 648 Fax: +60 86 315 648

Bintulu Factory & envio Concept Store

Lot 1260(B) Jalan Saberkas Sungai Plan Kidurong
97000 Bintulu Sarawak Malaysia
Tel: +60 86 325 012 Fax +60 86 325 030

Miri Office, Factory & envio Concept Store

Lot 7900 D/Lot 872 Block 5 Kuala Baram Land District
98000 Miri Sarawak Malaysia
Tel: +60 85 651 925 Fax +60 85 651 925

ASTEEL (Sabah) Sdn Bhd (1062207-W)

KK Office, Factory & envio Concept Store

Lot 10 Package 1 General Industrial Zone Kota Kinabalu Industrial Park (KKIP)
KM26 Jalan Tuaran 88460 Kota Kinabalu Sabah
Tel: +60 88 498 866 Fax: +60 088 498 877

Tawau Office, Factory & envio Concept Store

TB 758 Mile 3 1/2 Jalan Apas 91015 Tawau Sabah
Tel: +60 89 916 688/912 500 Fax: +60 89 915 000

Subsidiaries (Peninsular Malaysia)

Starshine Holdings Sdn Bhd (920871-A)

Star Shine Marketing Sdn Bhd (458071-P)

Star Shine Industries Sdn Bhd (376233-T)

Star Shine Global Trading Sdn Bhd (566960-K)

Star Shine Steel Products Sdn Bhd (619745-P)

Starshine Resources Sdn Bhd (927461-U)

Wisma YKGI, Lot 6479 Lorong Sungai Puloh/KU6,

Kawasan Perindustrian Sungai Puloh,

42100 Klang Selangor Darul Ehsan Malaysia.

Tel: +60 3 3297 5555/3291 5189 Fax: +60 3 3290 6668/3291 6193



ASTEEL GROUP



Cert. No.: KLR 6021311

Cert. No.: KLR 6021331

Cert. No.: KLR 6021330





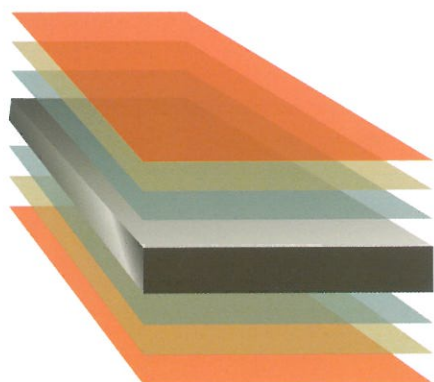
SHINEPLUS™

SHINEPLUS™ is the hot dipped aluminium-zinc alloy coated steel ("AZ"/"GL"), that provides high corrosion performance and guaranteed minimum yield strength of 550MPa good for roll formed roofing and cladding and light steel framing.

Product Standards

JIS G3321

AS 1397



Cross Section Of SHINEPLUS™

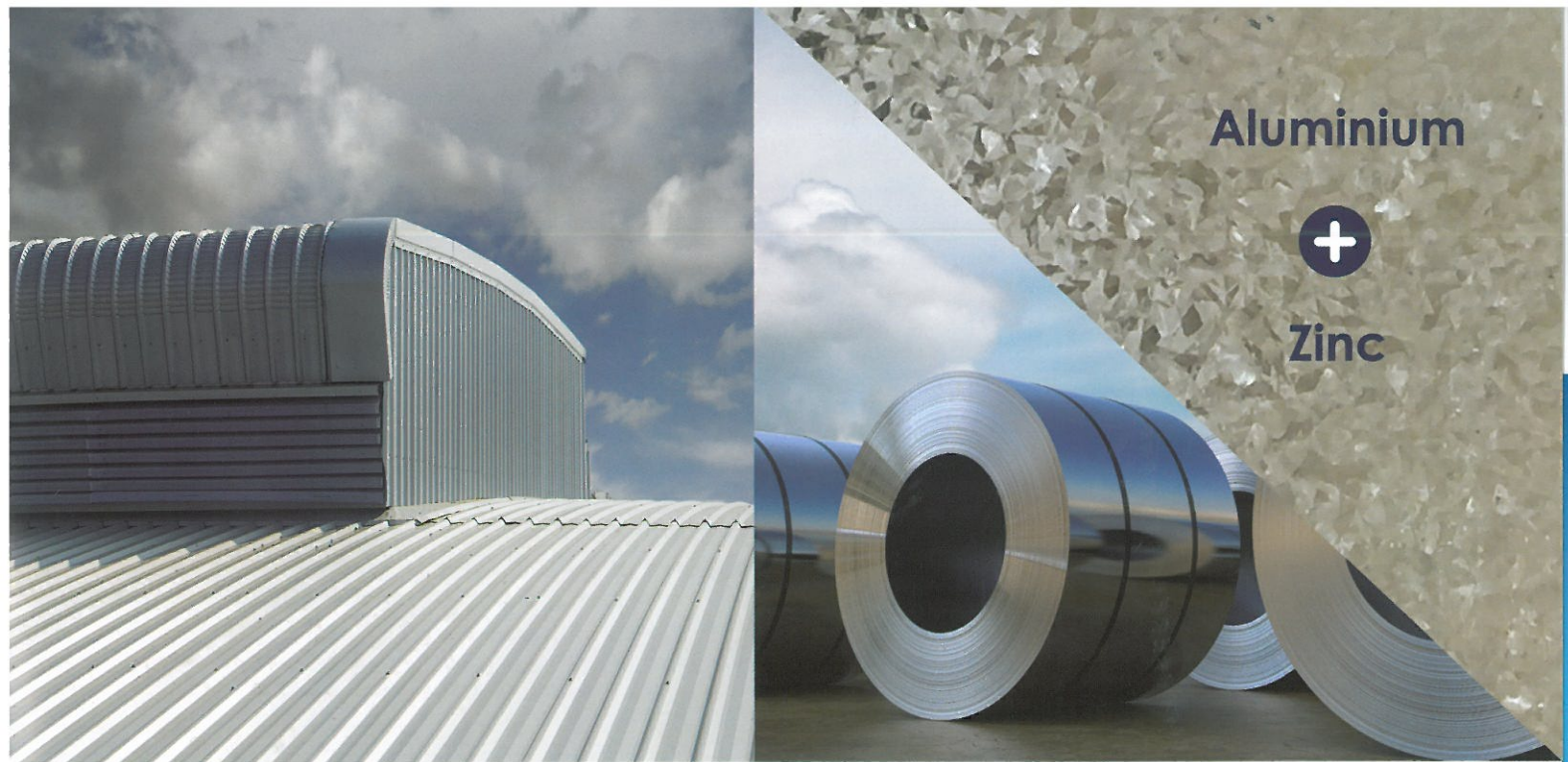
- Clear Resin Coating
- Aluminium-Zinc Coating
- Inter-metallic Alloy Layer
- **Base Steel**
- Inter-metallic Alloy Layer
- Aluminium-Zinc Coating
- Clear Resin Coating

Dimensions:

Preferred Base Metal Thickness (BMT), mm	0.25, 0.30, 0.35, 0.42, 0.48, 0.6,
Width,mm	914 & 1219

Mechanical Properties:

Yield Strength, MPa	min 550
Tensile Strength, MPa	min 570
Elongation, %	min 2 (BMT >0.60mm)



Coating and Surface Treatment:

Coating Class	AZ100 & AZ150
Coating Composition	55% Aluminium, 43.5% Zinc and 1.5% Silicon
Surface Condition	Regular
Surface Treatment	Chromate Treatment

Chemical Composition:

	Typical %
Carbon (C)	0.04 - 0.06
Manganese (Mn)	0.20 - 0.30
Phosphorus (P)	0.01 - 0.02
Sulphur (S)	0.01 - 0.02
Silicon (Si)	0.01 - 0.02

Dimensional Tolerances:

Thickness, mm	± 0.05 ($0.25 \leq \text{BMT} < 0.40$), ± 0.06 ($0.40 \leq \text{BMT} < 0.80$)
Width, mm	-0, +3
Camber, mm	≤ 2
Flatness, mm	Edge wave: ≤ 4 , Center Buckle: ≤ 4



warranty* against perforation.

* warranty subjects to terms and conditions.