

A large, vibrant watercolor splash in the center of the page, featuring a mix of yellow, orange, red, pink, and blue hues.

COLORREX_{COIL}

SWEET HOME SELECTION

PRE-PAINTED COLOR COIL



COLOR REX COIL is PPGL short for pre-painted **Galumzinc** Steel coated with Japanese Advance Technology System Control PE Paint coating. PPGL is with **Galumzinc** sheet as substrate, which is coated with 55% aluminum, 43.4% zinc, and 1.6% trace element. This is the main difference between PPGI and PPGL, which will further influence their features and applications. Al-Zn coating is high corrosion-resistant compare to zinc-coated steel sheet, the service life of PPGL might be 5 times longer than that of PPGI galvanized sheet.

As mentioned, PPGL has better resistance to corrosion, and heat resistance, which means it is more suitable for severe outdoor environments especially in Malaysia. Beside, with the same coating thickness, Al-Zn coating is lighter than zinc coating. It is because the specific weight of aluminum is lower than that of zinc. That is to say, with the same weight, Al-Zn coating can cover 3% more space than the GI sheet.

With PE coating formed on the surface of the aluminum sheet by multiple baking has protective and decorative properties for the aluminum sheet. PE coating is a high molecular polymer as monomer and addition of alkyd, is an UV-resistant coating. The UV absorber can be divided into sub-gloss and high-gloss series according to the glossy degree. PE paint not only can give rich colors for color coated aluminum products which is with good gloss and smoothness, as well as superior texture and hand-feeling, but also can increase the sense of hierarchy and three-dimensional. PE paint can protect the atmosphere exposed object from the ultraviolet radiation, wind, rain, frost snow and frozen attack. Due to the temperature, freeze-thaw cycle, corrosive gases and microbial effects, the PE coating can play a protective role for the object.



COATING COMPOSITION OF GL

Element	Weight Ratio (%)	Volume Ratio(%)
Aluminium	55.0	80
Zinc	43.4	19
Silicon	1.6	1



SALT WATER SPRAY TEST

GL (AZ150)



Zinc coated (GI) Z25



The result of salt water spray test (2000 hours in succession)

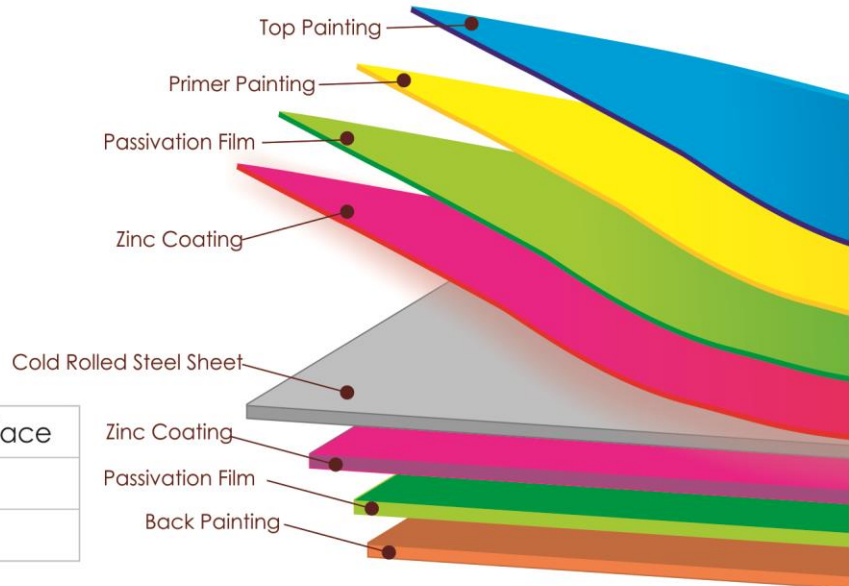


FEATURES

- Improved Corrosion Resistance
- Excellent Heat Transfer
- Good Weather Resistance
- Improved Chalking Resistance
- Improved Staining Resistance
- Ability For All Bending profiles
- Consistent Performance

HUMIDITY TEST

Test piece	Hours for rust to take place
Zinc coated (GI) Z25	6,000 hours
GL Sheet (AZ150)	35,000 hours



PRODUCT SPECIFICATION

Base Metal Thickness: 0.27mm ~ 0.48mm
 Total Coating Thickness: 0.33mm ~ 0.53mm
 Width: 914mm
 Paint Film: Polyester based
 Coating Mass: AZ 70 ~ AZ150
 Tensile Grade: G550

HEAT REFLECTIVITY

Articles	Reflectivity(%)
Galumzinc	70 - 75
Galvanized (GI)	30 - 40

PRODUCT SPECIFICATION

Base Metal Thickness: 0.42mm ~ 0.48mm
 Total Coating Thickness: 0.48mm ~ 0.53mm
 Width: 914mm
 Paint Film: Polyester based
 Coating Mass: AZ150
 Tensile Grade: G550



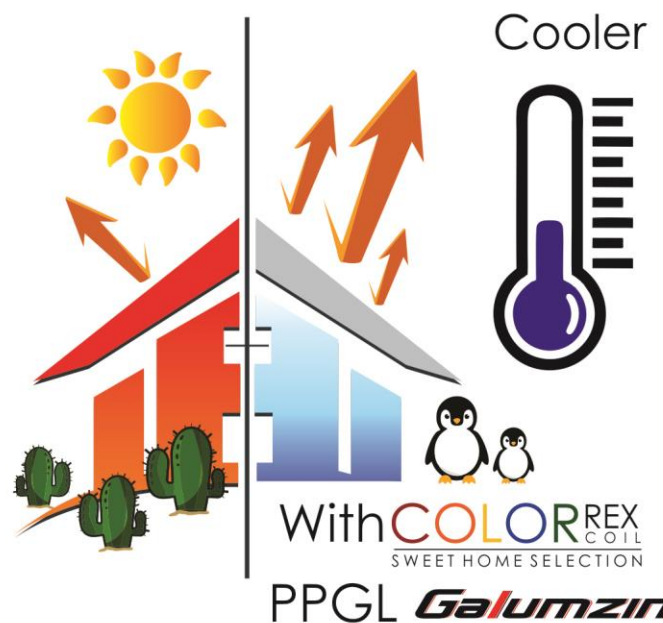
25th
 WARRANTY
 can be provided

COLOR SELECTION

Galumzinc
 ANTI FINGER PRINT



Galumzinc



COLORREX
 COIL
 SWEET HOME SELECTION

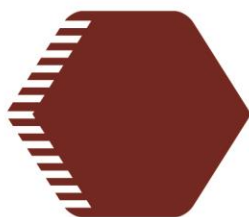
COLOR SELECTION

COLORREX
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Clux BRIGHT
PRE PAINTED GALUMZINC



Pine Green



Garnet Red



Sunkist Orange



Peacock Blue



Admiral Blue



Ash Grey

Clux MATT
PRE PAINTED GALUMZINC

Clux GRUDE
PRE PAINTED GALUMZINC



Chocolate Brown



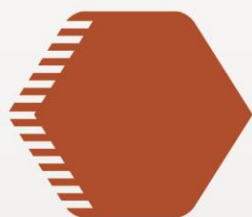
Cotton White



Peanut Butter Beige



Shadow Grey



Wood Brown



CERTIFIED TO ISO 9001: 2015
CERT. NO. : QMS03499



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CERT. NO. : QMS03499

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