

# Zincalume®



# Zincalume®

Made Only By BlueScope Steel

FULFILL YOUR NEEDS WITH STEEL

## DOOR & WINDOW FRAMES



This simple checklist is your guarantee of confidence in ZINCALUME® steel.

- ✓ Made by BlueScope Steel Malaysia.
- ✓ Termite proof.
- ✓ Non-combustible.
- ✓ Dimensional stability.
- ✓ Durable, strong and lightweight.
- ✓ Meets relevant Malaysian building codes.

International Building Standards

- ✓ Product performance is field tested.
- ✓ Supported by a BlueScope Steel warranty\*.

To make sure your product is from BlueScope Steel, look for the ZINCALUME® steel brand mark.

ZINCALUME® is a registered trade mark of BlueScope Steel Limited.

BlueScope is a trade mark of BlueScope Steel Limited.

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\*Warranty terms and conditions apply.

Superior quality door and window frames that are strong and durable are made possible by ZINCALUME® steel. Its immaculate strength of steel will not warp or be attacked by termites. Plus, it has excellent corrosion resistance against our natural environment, giving you the assurance of a frame that will last for years.



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# STRONG & DURABLE

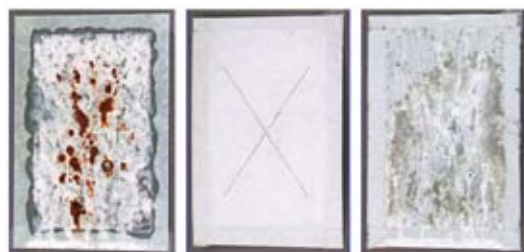
## Strength of ZINCALUME® steel

Door and window frames made from ZINCALUME® AZ150 G300 steel are built to last, with superior strength and quality. This means that it will not bend, shrink or warp over time, causing doors to jam or windows that won't open and close properly.

## Corrosion Resistant

ZINCALUME® steel is coated with zinc and aluminium alloy to provide excellent corrosion resistance. Based on numerous accelerated tests and outdoor exposure tests continually carried out by BlueScope Steel Research, Australia and SIRIM (Malaysia), ZINCALUME® steel has been proven to perform better than Galvanised steel (G.I.).

## Salt Spray Test Results



Galvanised steel at 240 hours

ZINCALUME® steel at 240 hours

ZINCALUME® steel at 2000 hours

## Weldability

ZINCALUME® steel can be easily spot-welded in conditions similar to zinc-coated steel.

## Termite Resistant

Door and window frames manufactured from ZINCALUME® steel will not be damaged or attacked by termites as compared to timber frames. You do not have to worry about repair and maintenance costs due to termite attacks.

## Environment-friendly

ZINCALUME® steel is environment-friendly as it can be recycled.

## Non-Combustible

Steel will not burn, unlike conventional timber frames. It is non-combustible and is certified Class 'O' by BOMBA. Having a steel door and window frame will reduce the risk of a fire spreading throughout the entire structure of the building if a fire breaks out.

## Warranty

Every door and window frame made from ZINCALUME® steel is backed by an official warranty for up to 3 years\*.

For product identification and originality, please check the following brand along the edge of the coil on the reverse side:

## Paintability

Lab tests and actual cases at project sites have proven that the surface of the frames can be readily painted with gloss paint without the need for a primer. This saves you time and money. Normal gloss paint readily available from hardware stores can be used to paint door and window frames made from ZINCALUME® steel.



Gloss Finish WITH Primer

Gloss Finish WITHOUT Primer

## Material of Choice

ZINCALUME® steel is the preferred material for door and window frames due to its obvious advantages. It has been specified in various government projects, such as JKR projects and other prominent private projects across Malaysia.

# SUPERIOR QUALITY

## Advantages of Door & Window Frames made from ZINCALUME® steel

ZINCALUME® steel	Other Coated Steel (e.g. Galvanised, Electro-galvanised steel)	Timber
<input checked="" type="checkbox"/> High corrosion resistance	<input checked="" type="checkbox"/> Low corrosion resistance	<input checked="" type="checkbox"/> Susceptible to rotting
<input checked="" type="checkbox"/> Termite proof	<input checked="" type="checkbox"/> Termite proof	<input checked="" type="checkbox"/> Prone to termite attacks
<input checked="" type="checkbox"/> Guaranteed material strength	<input checked="" type="checkbox"/> Material strength varies	<input checked="" type="checkbox"/> Low material strength
<input checked="" type="checkbox"/> Dimensionally stable - material strength guaranteed	<input checked="" type="checkbox"/> Depending on the strength of the material	<input checked="" type="checkbox"/> Tends to sag, warp and twist
<input checked="" type="checkbox"/> Precisely manufactured to design - low wastage	<input checked="" type="checkbox"/> The design will take into account the material strength	<input checked="" type="checkbox"/> Not manufactured to the design. High wastage on site
<input checked="" type="checkbox"/> 3 years material warranty	<input checked="" type="checkbox"/> No material warranty	<input checked="" type="checkbox"/> No material warranty
<input checked="" type="checkbox"/> Saves time and money. Only top coat is sufficient. No primer is required	<input checked="" type="checkbox"/> Priming coat or phosphated is required	<input checked="" type="checkbox"/> Undercoat paint is required
<input checked="" type="checkbox"/> Non-combustible. Certified as 'Class O' material by BOMBA	<input checked="" type="checkbox"/> Certification is required	<input checked="" type="checkbox"/> Not certified as 'Class O' material



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