

# WARRANTY

**NS BlueScope (Thailand) Company Limited** (manufacturer of **Colorbond** steel), warrants to **Retail Platform Testing Account** (supplier of profiled sheets) that the **Colorbond** steel if correctly installed and maintained on the **Warehouse (Cool room) ... project at 33/1 Bang Khae Nuea Bang Khae Bangkok, 10160, th :**

|                                             |                 |
|---------------------------------------------|-----------------|
| - Shall not perforate by corrosion for:     | <b>35 Years</b> |
| - Shall not perforate by color peeling for: | <b>18 Years</b> |
| - Shall not colour fade excessively for:    | <b>12 Years</b> |
| - Shall not discolour by dirt staining for: | <b>6 Years</b>  |

\* Terms and conditions apply. Please consult NS BlueScope (Thailand) Limited representative.

If the **Colorbond** steel cladding (installed and maintained in accordance with the specific guidelines, terms and conditions attached) fails to perform as warranted due to a defect in the material, then at the sole discretion of NS BlueScope (Thailand) Limited ("NSBST") the cladding will either be repaired ,resupplied (but not installation),or compensation provided pro-rata in terms of actual performance versus warranted performance, and amount of time remaining in warranty No liability shall be accepted for any consequential loss or damages attributable to the failure.

This is to certify that representatives or agents of **Retail Platform Testing Account** have inspected the installed cladding, and ascertained (by best endeavours) that;

- The cladding is manufactured from prime quality **Colorbond** steel (branded on reverse) ;-
- The cladding appears to have been properly installed (or any concerns are noted below) ;-
- The environment in or around the structure does not appear to be abnormally or severely corrosive.

Comments: **No Inspection by NS BlueScope (Thailand) Limited**

Material Uses: **Area of Roof:**

Additional project information:

**NOTE:** This warranty is provided to, and can only be actioned by, **Retail Platform Testing Account** subject to the express terms and conditions attached. Failure, despite best endeavours, to identify problems with environment and/or installation during project inspection shall not preclude or limit the operation of the terms and conditions attached.



Warranty No.: TH-R-24-10-PG007-002

## WARRANTY

NS BlueScope (Thailand) Limited (manufacturer of Colorbond steel), warrants to Retail Platform Testing Account (supplier of profiled sheets) that the Colorbond steel if correctly installed and maintained on the Warehouse (Cool room) ... project at 33/1 Bang Khae Nuea Bang Khae Bangkok, 10160, th :

### Attachment 1

| No. | Description Coil ID                                         | Coil ID     |
|-----|-------------------------------------------------------------|-------------|
| 1   | 0.42 x 914mm Cln COLORBOND Panel AZ150 G550 Steel Posh Grey | MP1P2344232 |

### Application Detail

Roof 2 m.

| No. | Building  | Installation Date (dd/mm/yy) | Remark |
|-----|-----------|------------------------------|--------|
| 1   | Warehouse | 02/10/2024                   | 760    |

### End-Use segment

| Segment    | Sub-segment     |
|------------|-----------------|
| Industrial | Food & Beverage |

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## TERMS AND CONDITIONS

This warranty is your guarantee that Colorbond, if properly installed and maintained, will meet minimum expected performance levels for at least the warranted period (commencing from the date of installation).

However, certain specific problems and situations (listed below) must be addressed and rectified early in order to get the best possible performance and, if not rectified, may result in the warranty being void.

1. The warranty applies only to Insulation Metal Panel made from prime quality Colorbond. The Owner/Contractor is advised to check for Colorbond brand name printed on the reverse of the sheets prior to installation.
2. This warranty applies only to which has a base metal thickness of 0.3mm (or greater) and issued as the skins of Insulation Metal Panel.
3. NSBST reserves the right to inspect the premises at which the End Product have been or will be used as part of the Warranty registration process and/or inspect and conduct tests as necessary at any time after a claim is made under this warranty.
4. The End Product must be maintained in accordance with BlueScope Steel's maintenance guidelines as published in Technical Bulletin TB-4 "Maintenance of COLORBOND® steel and ZINCALUME® steel". This includes a minimum 6-monthly washing with fresh water of those areas not normally exposed to rain.
5. All areas must be kept washed and clean, as corrosion arising in unwashed areas is not covered by this warranty. Cleaning chemicals must only be used in concentrations and contact durations as recommend by the chemical supplier. In any event, the concentration of the cleaning solution should not exceed 5%. Furthermore, high pressure water should not exceed 400psi (2760kPa) water pressure. (Refer to Technical Bulletin TB-31 "COLORBOND® Intramax® steel for coolroom panels")
6. Cladding must be handled and installed in accordance with published BlueScope guidelines current at the time of installation, with particular attention to the issues listed below:-
  - a. Keep metal sheet dry at all times while stacked in bundles prior to installation. Wet sheet should be separated and dried to minimize risk of accelerated corrosion due to "wet stacking".
  - b. Do not cut metal sheet by circular saw or grinders as high temperature swarf will damage the coating.
  - c. During construction, remove swarf and other debris daily to minimize risk of localized corrosion. (Refer to Technical Bulletin TB-07 "Care of BlueScope coated steel products during transport and storage")
7. The product must be installed greater than 5km from marine or industrial influence and used indoors only.  
Remark: In case the product/end product is not installed in compliance with the conditions of this warranty, BlueScope reserves the right in its sole discretion to revoke the warranty coverage or decrease the warranty period to the period specified in the warranty certificate.
8. The Material must not be used as concrete formwork or be immersed, including during construction.
9. The paint finish as supplied must not be scratched, abraded damaged, or coated with any foreign matter or incompatible material (including stack and flue deposits).
10. Fasteners must comply with AS3566 Class 3 or Class 4, and be certified as such by the supplier of fasteners. (Refer to Corrosion Technical Bulletin CTB-12 "Dissimilar Metals", and Technical Bulletin TB-16 "Fasteners for Roofing, Walling and Accessory Product – Selection Guide")
11. All fixings and associated components must be manufactured from compatible metals (COLORBOND®, ZINCALUME® steel, zinc, or aluminium) or be coated or plated in accordance with current published BlueScope guidelines. For long lasting consistency in appearance should be made from the same material as the cladding. (Refer to Corrosion Technical Bulletin CTB-12 "Dissimilar metal")
12. Only neutral cure sealants are to be applied to panel joints. Slip joints and channels must be inspected annually and sealant replaced where necessary.
13. Product failures wholly or in part due to the following causes are not covered by this warranty.
  - a. Defects attributed to faulty design, method of manufacture or installation of the end product.
  - b. Mechanical, chemical or other damage sustained during transport, handling, storage, erection or subsequent to erection.
  - c. Attack from chemical agents, fumes, liquids or solids other than direct rain or run-off falling onto the end product.
  - d. Regard to paint flake and peel from other materials and effect to NSBST product.
  - e. Extended contact with soil, dust, ashes, fertilizers, or moisture retaining substances, green or wet timber or treated timber. (Refer to Corrosion Technical Bulletin CTB-13 "Contact with Timber")
  - f. Areas in metallic contact with incompatible materials (eg. lead, copper, carbon/graphite, or stainless steel) or subject to water run-off from such incompatible materials. (Refer to Corrosion Technical Bulletin CTB-12 "Dissimilar Metals")
  - g. Immersion as a result of flood or substandard site drainage
  - h. Failure to remove debris and/or allow free drainage of water/moisture (including condensation) from all surfaces of the end product.



## TERMS AND CONDITIONS

- i. Failure to replace corroded fasteners.
  - j. Failure to prevent the insulation of the panel from becoming wet due to internal or external moisture sources.
  - k. Failure to seal all joints during installation or whilst in service, to prevent moisture from internal or external ingress into the panel system.
  - l. Corrosion arising within the lapped areas of end-lapped sheets. (Refer to Corrosion Technical Bulletin CTB-8 "Product performance considerations for exterior BlueScope coated steel products")
  - m. Installations subject to severe marine or unusually corrosive environments at any time in the future unless specifically agreed and noted.
  - n. Accidental or intentional damage by a person or animal.
  - o. Acts of God and falling objects, external force, explosions, fire, riots, civil commotions, acts of war, radiation, harmful gases or fumes, chemicals or foreign substances in the air or atmosphere, acts of terrorism, global warming, flooding and political disturbances including but not limited to uprising and protests.
  - p. Any loss or damage resulting from non-compliance with the terms and conditions of this warranty
14. Failure of the product in terms of fading is defined as per the following table

| Color Shade                     | Maximum Fading<br>(ΔE units Hunterlab)<br>ASTM D-2244 (cleaned) | Maximum Discoloration<br>by Dirt Staining<br>(ΔL units CIELAB)<br>ASTM D-2244 (cleaned) | Maximum Chalk Rating<br>(Jacobson Test)<br>AS1580-1991 |
|---------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------------------------------------------------------|
| Light (e.g. Clean Off White)    | 6                                                               | ≥ -4                                                                                    | 2                                                      |
| Intermediate (e.g. Clean Beige) | 9                                                               | ≥ -3                                                                                    | 2                                                      |
| Dark (e.g. Clean Autumn Red)    | 15                                                              | ≥ -2                                                                                    | 2                                                      |

- 15. This warranty does not cover nor extend to, in respect of the exterior paint system, normal weathering which includes a natural reduction in paint gloss and a natural color change of the paint finish.
- 16. This Warranty does not cover against paint peel and flake arising from paint blistering, white corrosion product or red rust.
- 17. This Warranty does not cover nor extend to, with regard to corrosion to perforation or paint peel and flake, the internal facing skin of the insulated/composite panels.
- 18. This warranty is not applicable to heavy industrial environments including, without limitation, chemical processing or storage, aluminium processing, fertilizer processing and storage, pulp and paper mills, or any similar facility which uses or is otherwise exposed to corrosive chemicals or environment.
- 19. Any defects must be informed to NSBST in writing within 30 days after you first noticed or ought reasonably to have noticed the issue/ defect. If NSBST is not notified of the claim within a reasonable time, NSBST may in its absolute discretion deny the claim and NSBST shall have no liability under this warranty.
- 20. Subject to NSBST's obligations under applicable laws which cannot be excluded, modified or restricted under law, including as;
  - a. NSBST's liability to you:
    - i. Shall be limited to BlueScope Steel's choice of one of the following options:
      - A. Providing the same material in a quantity sufficient to replace the defective end product.
      - B. Providing equivalent Material in a quantity sufficient to replace the defective end product.
      - C. The cost of repairing the defective end product.
    - ii. Shall not include or extend to:
      - A. Labour costs associated with the removal or repair of the defective end product, or installation of the replacement end product.
      - B. Injury to persons, damage to property, loss of income, profit or business, or any other indirect loss arising from or caused in any way by the defective end product.
- 21. If NSBST provides you with new materials (whether of the same or equivalent material) to replace the defective end product covered by this warranty, the new materials will be covered by this warranty for the remainder of its term as if the new materials were the original materials. NSBST will not provide you with a new warranty in relation to the new materials provided to you in accordance with this warranty.

