

2) Ceiling



Rofo Ceiling Strip with Kayu Jati
- for Flat Surface Covering



Rofo Wall Partition – Kayu Jati
- for Aesthetic Outlining Apperance

a) Internal Usage



Combination of Rofo Innowall & Rofo Ceiling Strip S120/B245



Rofo Ceiling Strip S120/B245 for Flat finishing Ceiling

b) External Usage



As the Commercial Building External Ceiling



Uniformity of Classic Exterior Covering

3) Flat Sheet for Door Panel, Decorative Panel ...



Door Panel & Decorative Panel



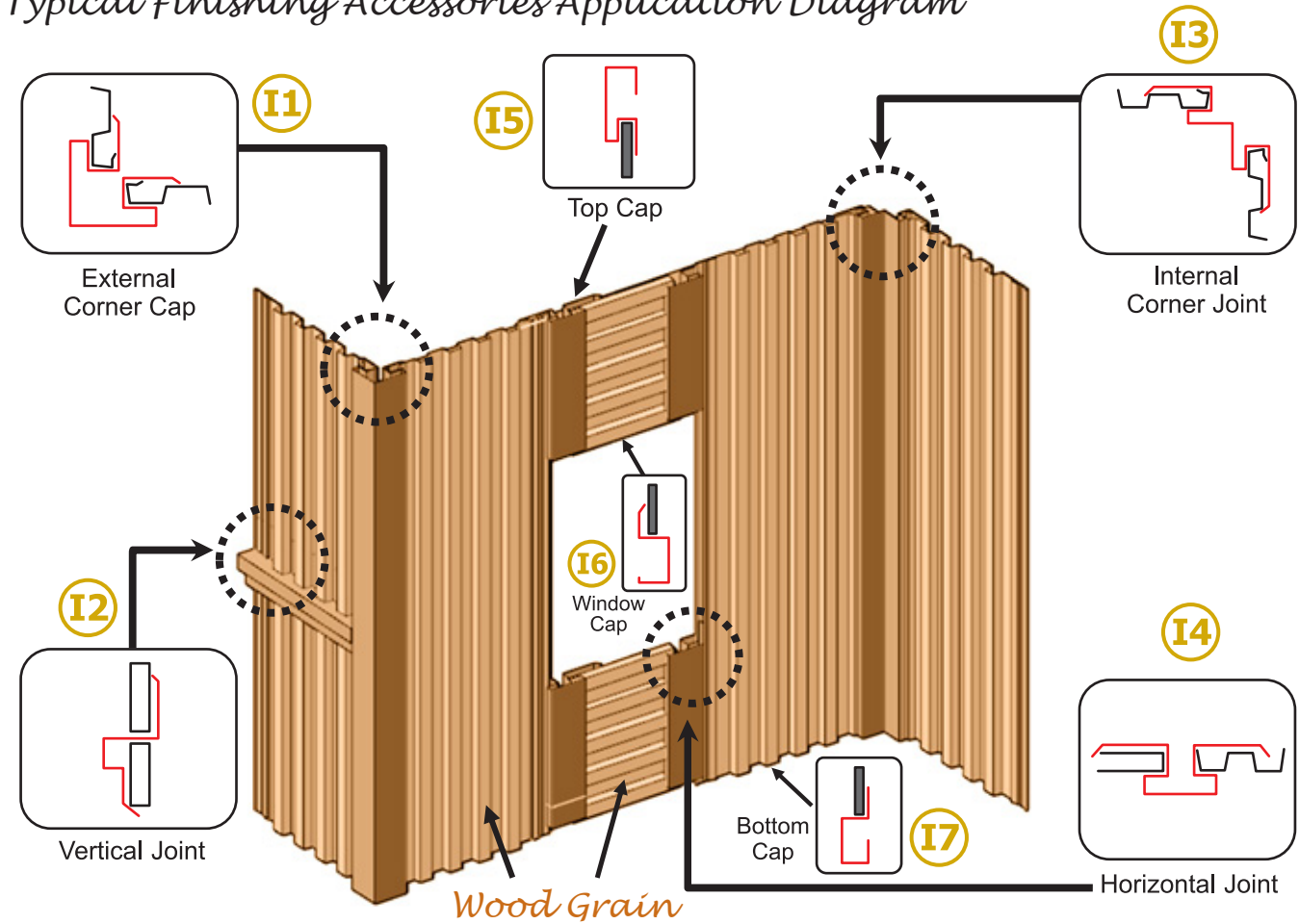
Photo Cupboard



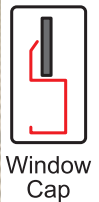
Toilet Door

Accessories Finishing

Typical Finishing Accessories Application Diagram



We offer custom made bending finishing accessories to suit your site requirement. Please kindly contact our customer service or technical servicer for assistance.



Storage & Handling

- 1) We will provide full plastic packing for long term site storage & usage
- 2) All Rofo Products with CS Kayu Jati Color Coated are strictly advised to store from rainwater or under shed with pitched to avoid water stagnation in between panel pieces.
- 3) Water, dirt or cement material shall be wiped & cleaned immediately to avoid discoloration.
- 4) No any construction material or loads to be applied on top of strip ceiling pieces during storage.



Kina Roof Industries (Sabah) Sdn. Bhd. (667221-X)
Rofofor You Marketing Sdn. Bhd. (1030310-X)
Lot 9 (Lot 5), Jalan 2A, KKIP Timur, Industrial Zone 8A,
Kota Kinabalu Industrial Park, 88460 Kota Kinabalu, Sabah.
Postal Add: P.O.Box 96, Pejabat Pos Mini, 88450 Telipok, Sabah, Malaysia.
T : 088 498 333, 494 333, 016 8622323 F: 088 499 933

Colo Steel System Sdn. Bhd. (673950-D)
Lot 1904, Jalan Maigold, Taman Desa Senadin Shophouse,
98100 Miri, Sarawak, Malaysia.
Tel:085-491 288 Fax: 085-661 387

Website:



Join us at Facebook:



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Think Roof, Think Rofo.
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Wood Grain Series

Kayu Jati CS 195



3) As Flat Product for Door Panel & Other decorative Panels.

Ceiling Strip B245

- 1) As Wall
- Internal and External
- 2) As Ceiling
- Internal & External



Introduction

Want something natural? Want to turn your old or existing property into an comtemporany country home? Fan of Wooden Finishes but scare of termite? We have you the new Metal Sheet Coating Series:

Wood Grain Series - Kayu Jati CS 195

Facing the following Painting Problem of Exterior / Interior Wall?

Using Metal Sheet - Wood Grain Series Kayu Jati CS 195



Solved by



- ✓ No Additional Painting Required.
- ✓ Cost Effective - Ready to Install.
- ✓ Appearance Wooden Architectural.
- ✓ Easy to Clean.
- ✓ Metal Sheet - Termite Free Material.

Advantages

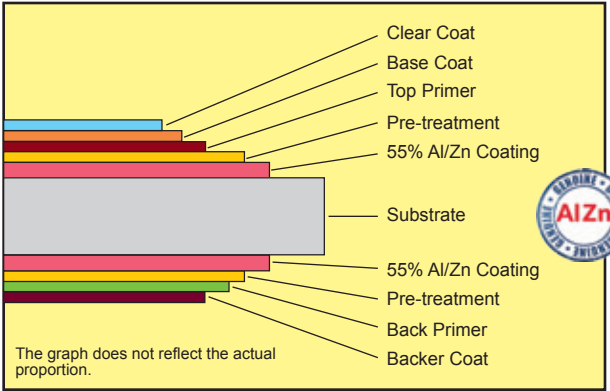


Material & Color Coating System

The Wood Grain Series – CS Kayu Jati using latest developed technology of special resin as base coat and clear coat on top of it. The base metal and color coating system possess the properties of excellence performance for roll formability, weatherability and outdoor stability.

The base coat combine with coloured top primer emulates real wooden pattern, creating furniture with art quality similar to real wood.

CS Kayu Jati use Al-Zn 55% alloy coated steel sheets as their substrate. According to JIS G 3321 standard, coating mass is AZ150 (total both sides, 150g/m² min),



Coating Layer Material Properties

No	Layers	Description
1	Pre-treatment	Advance pre-treatment to achieve good adhesion of the paint film by International recognized production equipment.
2	Top Primer & Top Coat	Modified Polyester (PE) with good formability is used as top primer, and combined with special designed base coat and clear coat. The total nominal dry film thickness is 25µm.
3	Top Color & Gloss	Top coat gloss is 20-30GU. (GU=Gloss Unit, 60° reflection angle, based on ASTM D 523.)
4	Backer Coat & Back Primer	Epoxy resin with good corrosion resistance or PE is used as backer coat, combining with high corossion resistant Polyurethane (PU) as back primer.
5	Back Color & Gloss	Backer coat gloss is 25GU and 65GU. (60° reflection angle, based on ASTM D 523.)

Strippable Film

A strippable film can be applied to the surface of CS195 Kayu Jati, subject to customers' requirement. The strippable film can decrease the mechanical damages caused during handling, storing or forming processes. The products protected by strippable film must be stored indoors. The film has to be taken off within one (1) month after the products' installation, or within six (6) months after being delivered from factory. Otherwise, it will become difficult to be removed in warm conditions.



Material Mechanical & Weathering Test

No	Test Standard	Test Parameter	Test Results
1	ASTM D 2794 - Impact Test	An impact is done by a steel punch with a hemispherical head having a diameter of 12.7mm. Raise the 500g weight up to 50cm and drop it on the specimen. Apply 3M #600 tape onto the impacted area. Remove the tape with a rapid movement at an angle of 180°.	The film adheres well without any pickoff.
2	ASTM E 643 - Erischsen Test	Form a depth of 7mm shape deformation with 12±6mm/min. velocity and remove the tape of 3M #600 rapidly at 180°.	The film adheres well without any flakes.
3	ASTM D 4145 - Bending Test	Take a specimen and bend it at 180° so that the inner diameter is 4 times of the sheet thickness (4T). Then stick the tape of 3M #600 tightly on the bend portion and remove the tape rapidly at 180°.	The film adheres well without any flakes.
4	ASTM D 5402 - Solvent Resistance	Take cotton and moisten it with M.E.K. solvent or toluene. Then press 1kg force and wipe-back and forth more than 100 times..	The substrate is not revealed
5	ASTM B 117 or JIS K 5600-7-1 - Salt Spray Test	Remarks: 150 hours for un-guaranteed side (back side)	After 500 hours, no red rust, blisters (over 6F) and corrosions can be seen in the unscribed area.
6	ASTM D 2247 - Humidity Resistance Test		After 500 hours at a minimum of 98% relative humidity, no apparent color change occurs.
7	ASTM D 1308 - Chemical Resistance -Spot Test		After dropping 5% H ₂ SO ₄ on the surface for 24 hours, there are no apparent changes. After dropping 5% NaOH on the surface for 24 hours, there are no apparent changes.

Application

1) Wall Cladding



Rofo Ceiling Strip with Kayu Jati - for Wall Flat Surface Covering



Rofo Wall Partition Kayu Jati - for Aesthetic Outlining Apperance

a) Internal Usage

i) Typical Wall Partition



Combination of Rofo Ceiling Strip S120 & B245



Rofo Innwall as Wall Partition

ii) Alternative for Facilities/ Functional Room



Multi Purpose Hall with Warm Light



Gym Room with Cold Light

b) External Application

i) Covering for Brickwall / Concrete Wall



Rofo Ceiling Strip as covering for external brickwall



Rofo Innwall as covering for external brickwall

ii) Direct Metal Wall Panel



Contemporary Residential with Acoustic Wood Texture wall



Lightweight Walkway Covering