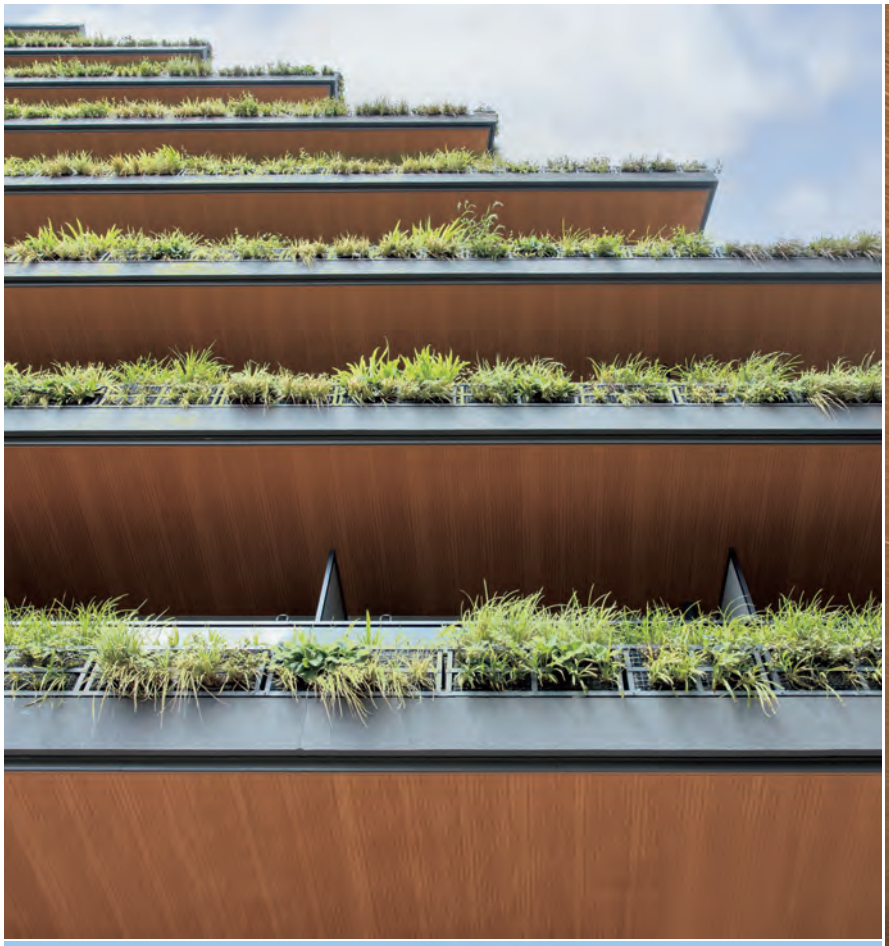
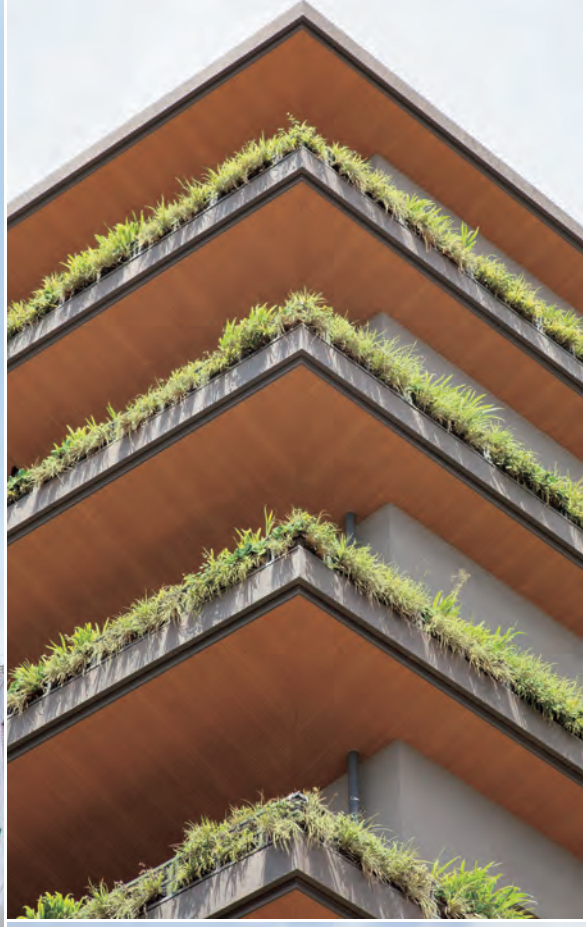


Soffit Brochure

Soffits integrate the Structure into the Environment

Building a Better Human Environment

NICHIHA CORPORATION



Case Study

SOFFIT

SOFFIT 12 Woodgrain

Color: Timber Beige

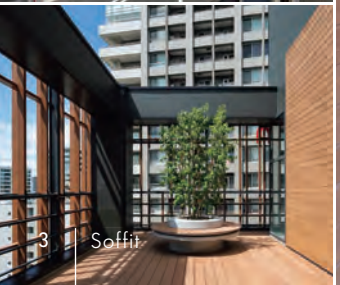
Installed on steel framing (LGS ceiling framing)

SOFFIT
SOFFIT 12 Woodgrain
Color: Timber Beige

EXTERIOR WALL
Exterior Siding:
EPC2411□X, EJB6523□X

SOFFIT
SOFFIT 12 Woodgrain
Color: Timber Beige

EXTERIOR WALL
Exterior Siding:
EPC248□X



SOFFIT
SOFFIT 12 Woodgrain
Color: Timber Beige
Installed on steel framing (LGS ceiling framing)

EXTERIOR WALL
Exterior Siding:
EJB6522□X, EPC762□X

SOFFIT
SOFFIT 12 Woodgrain
Color: Timber Beige
Installed on steel framing (LGS ceiling framing)

EXTERIOR WALL
Exterior Siding:
EFF166□X, EFF193□X
EDM318□X

SOFFIT

SOFFIT 12 Woodgrain
Color: Timber Beige

EXTERIOR WALL

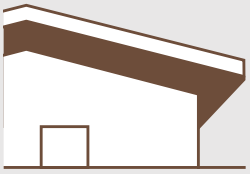
Exterior Siding:
EJB9522□X, EPS242□X

Inspirational Soffit Ideas

SOFFIT
SOFFIT 12 Woodgrain
Color: Timber Charcoal

EXTERIOR WALL
Exterior Siding:
EF5359□X, EPC933□X

"Exterior wall × Soffit" Color Cordinate



as an accent

Woodgrain soffits are trending.
Choose your favorite combination to match your exterior style.

Wing walls and Soffits blend seamlessly to create a bold, unified impression.

Style
01

A combination that feels bright and gentle.

White × Wood

Style
02

A clean and natural look.

White × Wood

Style
03

A fresh, cafe-inspired style with a contrast of textures and colors.

Dark × Wood

Follow us for more home style inspiration.

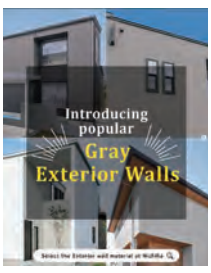
NICHIHA official Instagram
@nichiha_global

Home Style Inspiration & Trends

Simple modern

A sleek, monochromatic design with a clean, engineered finish.
A home that leaves a cool and sophisticated impression.

"Using a single pattern for the entire facade creates a simpler look.
In particular, our EX Series 1820 — which features a seamless, joint-free design — truly enhances the beauty of the exterior.
By adding accents around the entrance or on the soffits, you can easily shift the style from cool modern to natural modern."



SOFFIT 12

Woodgrain

Silicone acrylic emulsion coating

Weather-resistant clear topcoat with aggregate

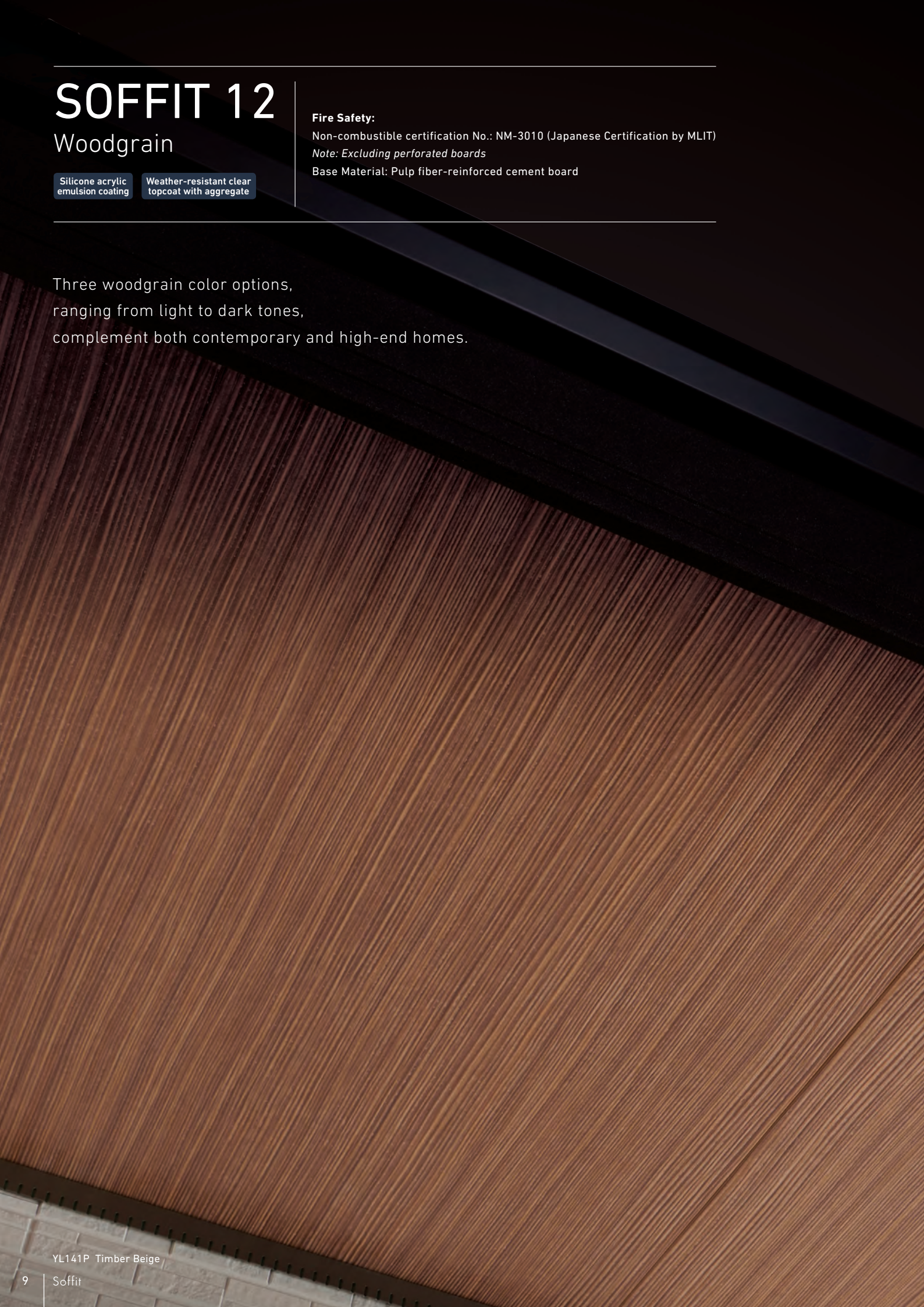
Fire Safety:

Non-combustible certification No.: NM-3010 (Japanese Certification by MLIT)

Note: Excluding perforated boards

Base Material: Pulp fiber-reinforced cement board

Three woodgrain color options,
ranging from light to dark tones,
complement both contemporary and high-end homes.



YL141P Timber Beige

Non-perforated board

3030 mm: YL141P
1820 mm: YL171
Color: Timber Beige

3030 mm: YL142P
1820 mm: YL172
Color: Timber Brown

3030 mm: YL143P
1820 mm: YL173
Color: Timber Charcoal

● Non-perforated Board Specifications

	Item No.	Color	Dimensions	Packaging	Weight	Notes
3030 mm	YL141P YL142P YL143P	Timber Beige Timber Brown Timber Charcoal	12 x 910 x 3030 mm	Palletized	Approx. 41 kg/board	Joint: Shiplap (long edges)
1820 mm	YL171 YL172 YL173		12 x 910 x 1820 mm		Approx. 23 kg/board	

○ Dedicated Accessories

	Item No.	Color	Exclusive Nails	Colored Stainless Steel Screws [for LGS ceiling framing]	Sealant (Foil pack*)	Touch-up Kit	
						Base Color	Grain Color
3030 mm	YL141P YL142P YL143P	Timber Beige	JKG5224	JKY5224	FCT411C	JHY5741H	JHYL001
		Timber Brown	JKG5225	JKY5225	FCT8302C	JHY5742H	JHYL002
1820 mm	YL171 YL172 YL173	Timber Charcoal	JKG5226	JKY5226	FCT3071C	JHY5743H	JHYL003
Notes			**82 pcs/bag, ϕ2.3 x 38 mm**	**100 pcs/bag, ϕ3.5 x 25 mm**	**Sealant (500 ml), primer, brush**	**Base paint (50 ml), stir stick, brush**	**Base paint (50 ml), stir stick, detail brush**

* Dedicated nozzles are sold separately.

• Printed colors may vary from the actual product. Please verify with physical product samples.

Joint: Shiplap (long edges)

SOFFIT 12

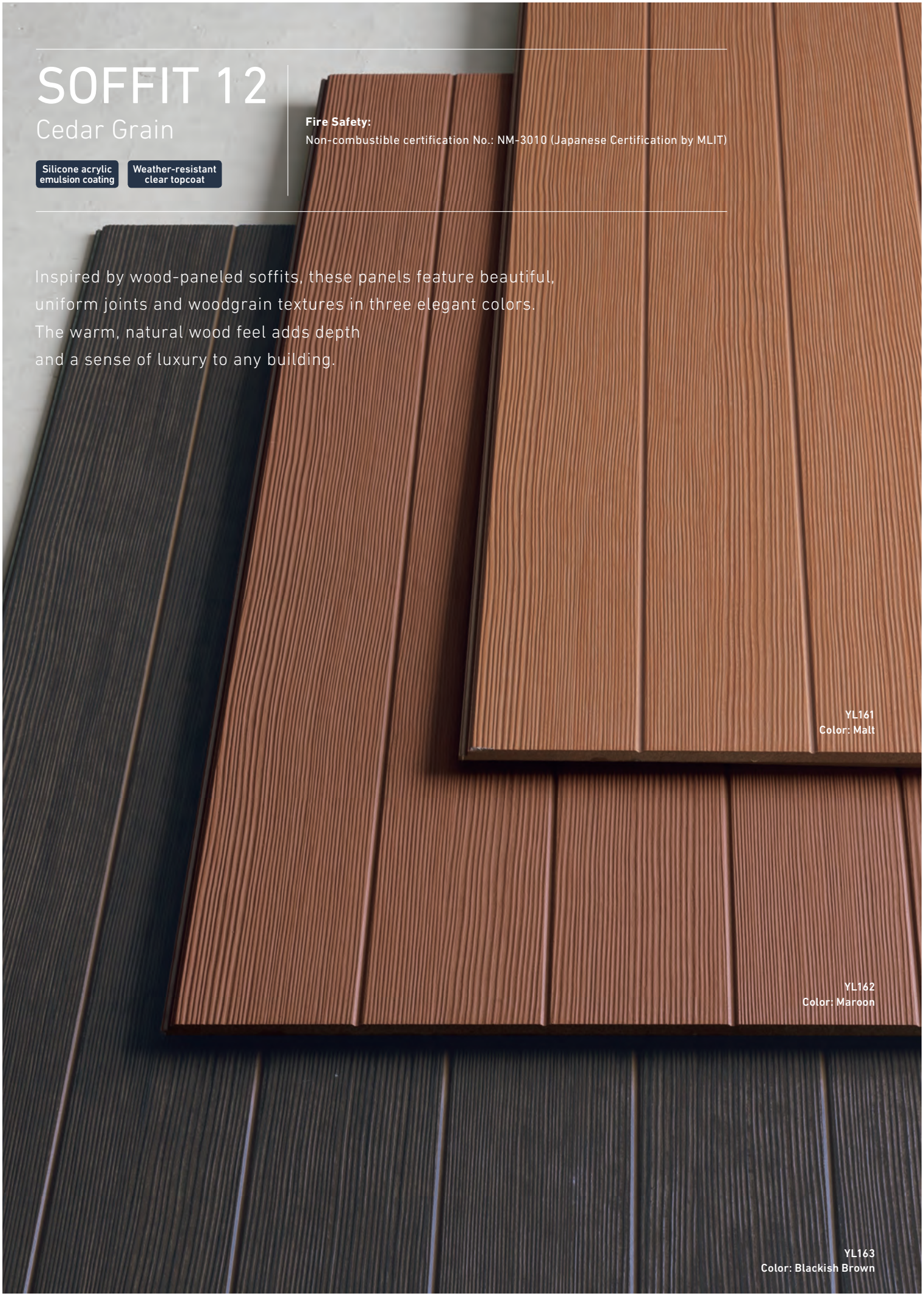
Cedar Grain

Silicone acrylic emulsion coating

Weather-resistant clear topcoat

Fire Safety:
Non-combustible certification No.: NM-3010 (Japanese Certification by MLIT)

Inspired by wood-paneled soffits, these panels feature beautiful, uniform joints and woodgrain textures in three elegant colors. The warm, natural wood feel adds depth and a sense of luxury to any building.

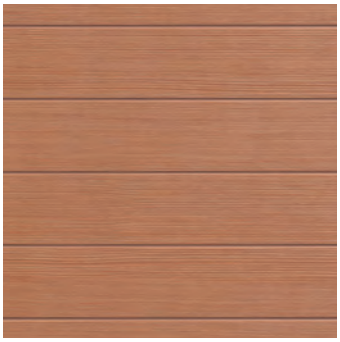


YL161
Color: Malt

YL162
Color: Maroon

YL163
Color: Blackish Brown

Non-perforated board



YL161
Color: Malt

YL162
Color: Maroon

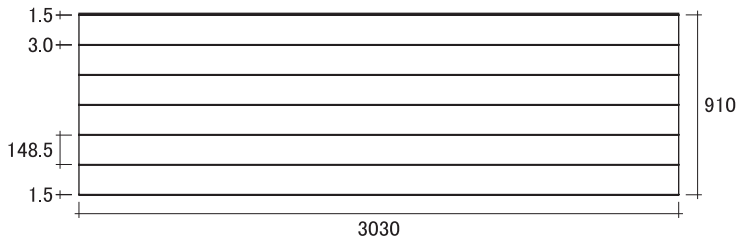
YL163
Color: Blackish Brown

● Specifications

Base Material	Dimensions	Packaging	Weight
Pulp fiber-reinforced cement board	12 x 910 x 3030 mm	Palletized	Approx. 38 kg / board

Joint: Shiplap (long edges)

● Dimensional Drawing (mm)



○ Dedicated Accessories

Item No.	Color	Exclusive Nails	Colored Stainless Steel Screws [for LGS ceiling framing]	Sealant (Foil pack*)	Touch-up Kit		
					Base Color	Grain Color	Joint Color
YL161	Malt	JKG5224	JKY5224	FCT411C	JHM5764AH	JHYL004	JHM5764BH
YL162	Maroon	JKG5225	JKY5224	FCT1715C	JHM5765AH	JHYL005	JHM5765BH
YL163	Blackish Brown	JKG5226	JKY5226	FCR5139C	JHM5766AH	JHYL006	JHM5766BH
Notes		**82 pcs/bag, ϕ2.3 x 38 mm**	**100 pcs/bag, ϕ3.5 x 25 mm**	**Sealant (500 ml), primer, brush**	**Base paint (50 ml), stir stick, brush**	**Base paint (50 ml), stir stick, detail brush**	**Base paint (50 ml), stir stick, brush**

* Dedicated nozzles are sold separately.

• Printed colors may vary from the actual product. Please verify with physical product samples.

Nichiha SOFFIT can be installed on steel framing (LGS ceiling framing)

SOFFIT 12 Woodgrain (Non-perforated board only) SOFFIT 12 Cedar Grain

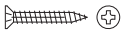
SOFFIT 12 Woodgrain, Non-perforated board: Color: Timber Beige (*Image is for illustrative purposes only.)

Steel Framing (LGS Ceiling Framing) Installation Guide

Steel Framing Requirements

Compatible Soffit	Soffit 12 Woodgrain Non-perforated board (3030 mm: YL141P/YL142P/YL143P / 1820 mm: YL171/YL172/YL173) Soffit 12 Cedar Grain Non-perforated board (YL161/YL162/YL163)
Non-combustible certification No. (Japanese Certification by MLIT)	NM-3010 (excluding perforated boards)

Please use in accordance with the local fire safety laws of each country.
Note: Fire resistance for this product on steel framing has not been verified in Japan.

Architectural steel framing	Wind-resistant framing Furring channel: JIS Type 25 Double furring channel (CW-25) 50 x 25 x 0.5 mm	
Colored Stainless Steel Screws	JKY5224/JKY5225/JKY5226 Dimensions: ϕ3.5 mm x 25 mm Packaging: 100 pcs/bag (60 bags/carton) Material: Stainless steel (Fluorine coating)	 Drive: Phillips #2

SOFFIT 12 Woodgrain, Non-perforated board

3030 mm: YL141P
1820 mm: YL171
Color: Timber Beige

3030 mm: YL142P
1820 mm: YL172
Color: Timber Brown

3030 mm: YL143P
1820 mm: YL173
Color: Timber Charcoal

Grain Color Touch-up Paint for a Flawless Finish

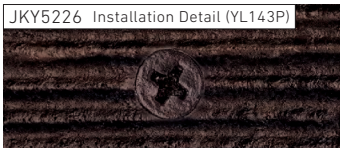
If the woodgrain pattern is obscured by the Base Color touch-up, applying the Grain Color will restore the pattern and ensure a high-quality finish.

Touch-up Procedure

① Apply the Base Color and let it dry completely.
② Apply the paint thinly, tracing the woodgrain lines on the board. The Grain Color kit includes a detail brush for drawing fine lines. For the most natural finish, apply the paint as finely and thinly as possible.

- Can be used to touch up nail heads, putty fills, and installation scratches.
- For very small areas, the Base Color alone is sufficient.

Colored Stainless Steel Screws [for LGS ceiling framing]

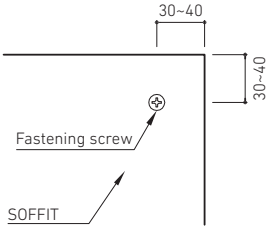


When installing SOFFIT (SOFFIT 12 Woodgrain) on steel framing (LGS ceiling framing), follow the installation procedures below.

Installation Guide

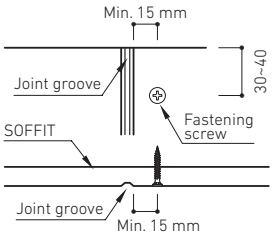
- Install the architectural steel framing (wind-resistant specifications) according to the framing manufacturer's standard guidelines, and follow the procedures below.
- Space the double furring channels (CW-25) at a maximum of 303 mm on center (o.c.). Install two double furring channels at the short-edge butt joints (when installing SOFFIT perpendicular to the furring) and at the long-edge shiplap joints (when installing parallel to the furring).
  *Note: For perpendicular installations, chamfer the cut edges of the SOFFIT boards at the short-edge joints and apply touch-up paint to the chamfered surfaces.
  *Note: Do not use short-edge butt joints when installing SOFFIT parallel to the furring. (The installation run length cannot exceed the length of a single board.)
- Fasten screws to every furring channel at a maximum of 303 mm o.c. Maintain a board edge distance of 30–40 mm. For SOFFIT boards with joint grooves, keep screws at least 15 mm away from the groove edge.
- Pre-drill and countersink all holes before driving screws.

Screw edge distance



Note: Touch-ups on screw heads may be visible depending on lighting and viewing distance. Align screw positions and keep the touch-up area to an absolute minimum.
Note: Install SOFFIT tightly with no gaps at the joints. (Environmental conditions may cause dimensional changes in the steel framing or SOFFIT, resulting in joint gaps.)
Note: Avoid installation in high-temperature or high-humidity areas.
Note: All materials other than SOFFIT, colored screws, touch-up putty, and touch-up paint must be field-supplied.

Screw edge distance (at joint)

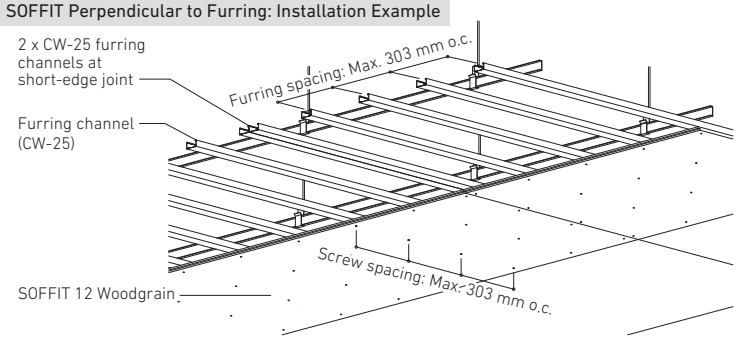


Building Height	Max. 45 m

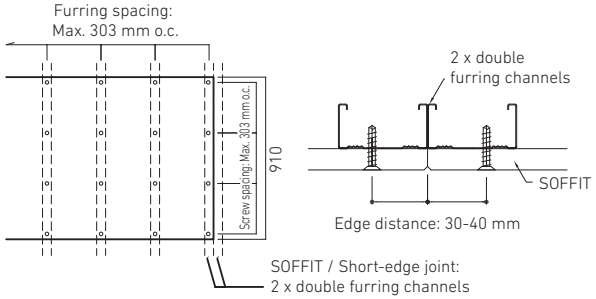
Wind Load Requirements	The calculated wind pressure must not exceed the allowable wind pressure for SOFFIT shown in the table.

- Ensure the framing assembly (e.g., furring spacing) meets the framing manufacturer's design wind pressure standards. Select the appropriate screw spacing from the table based on the allowable wind pressure for the SOFFIT.
- Installations are limited to buildings up to 45 m in height. Calculate wind pressure accordingly. (*Note: Wind pressure calculations must be based on the overall building height, not the installation height.)
- The values in the table below indicate the estimated wind pressures calculated for soffit boards on enclosed buildings (under negative pressure in corner zones), in accordance with Japanese Ministry of Construction Notification No. 1458.

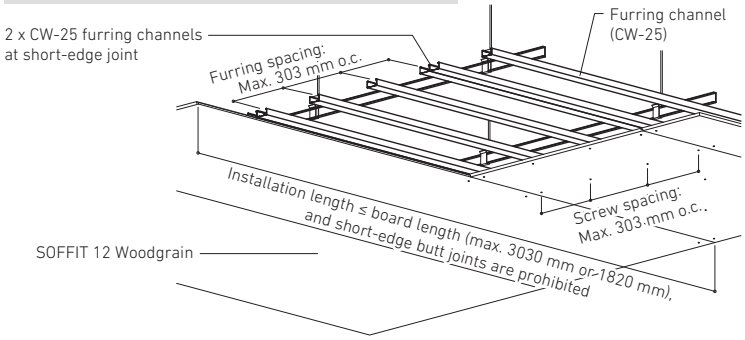
SOFFIT Perpendicular to Furring: Installation Example



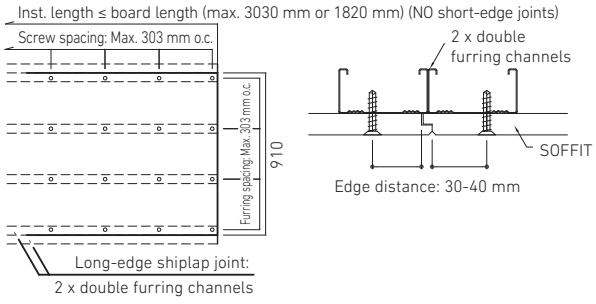
SOFFIT Perpendicular to Furring: Fastening Detail



SOFFIT Parallel to Furring: Installation Example



SOFFIT Parallel to Furring: Fastening Detail



Allowable Wind Pressure for SOFFIT

Unit: N/m²			Furring Spacing		
			Over 303 mm o.c.	Max. 303 mm o.c.	Max. 227.5 mm o.c.
Screw spacing	Over 303 mm o.c.		×	×	×
	Max. 303 mm o.c.	4 screws / 910 mm width	×	1307	1741
	Max. 227.5 mm o.c.	5 screws / 910 mm width	×	1741	2318
	Max. 182 mm o.c.	6 screws / 910 mm width	×	2176	2898
	Max. 152 mm o.c.	7 screws / 910 mm width	×	2605	3470

Wind Pressure Calculation Example

*Note: Wind pressure calculations must be based on the overall building height, not the installation height.

Building Height (m)*	Surface Roughness Category: III					
	Basic Wind Speed (m/s)					
	30	32	34	36	38	40
Over 45 m	Not allowed					
45	1367	1555	1756	1968	2193	2430
40	1304	1484	1675	1878	2092	2318
35	1236	1406	1588	1780	1983	2198
30	1162	1322	1493	1674	1865	2066
25	1080	1229	1388	1556	1734	1921
20	988	1124	1269	1423	1585	1757
15	881	1002	1131	1268	1413	1566

(Negative pressure, Unit: Pa)

NICHIHA

Facebook
@NichihaGlobal

Linkedin
@NICHIHA CORPORATION

Instagram
@nichiha_global

YouTube
@NichihaGlobal

Web
Official WebSite

June 2026