

Ledex[®]

Shielding The Living World



Ceiling & Louvre

Product Catalogue





Malaysia's Leading
**Roofing & Structure
Specialist**



LE NAM MEGASHEET (M) SDN BHD

COMPANY OVERVIEW

Established in 1993, LE NAM MEGASHEET (M) SDN BHD, the leading local metal roofing manufacturer, supplies the best international quality metal roofing throughout Malaysia and worldwide. LE NAM, equipped with state of the art machinery and a certified ISO 9001:2015 accreditation, is proud to be the one company that has roofed many buildings in Malaysia with its own range of Ledex® metal roofs.

COMPANY BRANDS



A metal roofing brand with a long history in the market. It has a wider range of products such as roofing products, ceiling products and structural products.
"Shielding The Living World"



Premium product brand started in 2016, the advanced version that focused on screw concealed system products.
"The Premium Brands, Outstanding Performance"



The latest brand started in 2019, designed with the latest Japanese technology, that is artistic and better reflects absolute uniqueness.
"Unique Choice & Stylish Taste"

Ledex®, Ledex Premium and Jikowa brands are built to offer a wider range of choices to our customers, offering quality metal roofing at affordable reasonable prices. A variety of product types with countless color and pattern combinations are developed to meet diverse market preferences around the world. New designs based on the latest roofing trends are always introduced to meet market demand.

Ever since its incorporation, LE NAM remains a leading metal roofing manufacturer of international repute. Our ability to deliver the best high-quality products made from top-quality materials, complemented with our efficiency, friendly customer service culture and timely delivery will ensure our continued growth in the years to come.

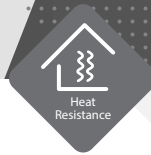


Ledex®
Shielding The Living World

Ceiling Panel



Ceiling Panel Introduction



Outer Layer



Ledex Ceiling Panel G3, G4 and Embossed Bark had Polyurethane (PU) applied on its ceiling panel. It provides excellent heat resistance, good sound absorption, mechanical and dimensional stability of ceiling or wall assembly and great aesthetic appearances using concealed fastener system.

For Ledex Ceiling Panel Embossed Bark, different design of embossing can be done on the panel beside the bark surface. It is a unique choice for those who want to differentiate from others. We provides ceiling panels with PU Foam and PU Metal.

Inner Layer



PU Foam 3 layers of prepainted metal sheet, rigid Polyurethane (PU) foam with inner layer water proof craft paper lamination

PU Metal Insulation system made up of 3 layers i.e a layer of rigid Polyurethane (PU) foam in between two prepainted metal sheet

Application of Ledex Ceiling Panel includes :

- Residence
- Airport Kiosk
- School/Public Hall
- Restaurant
- House Wall Extension
- Hotel
- Hospital
- Car Porch
- Office
- Factory
- Retail Outlet

COLOURS AVAILABLE



DETAILS TO SPEC IN BQ

Ledex® Ceiling Panel G3 PU Metal 0.40 mm TCT

Brand Profile PU Foam/ PU Metal Material Thickness

Material warranty on perforated by corrosion:

Up to 10 years on perforated by corrosion
Up to 5 years on colour fading

*Term & condition apply

Details to be mentioned in BQ specification:

1. Brand
2. Profile
3. Thickness
4. Material
5. Coating
6. Color
7. Warranty

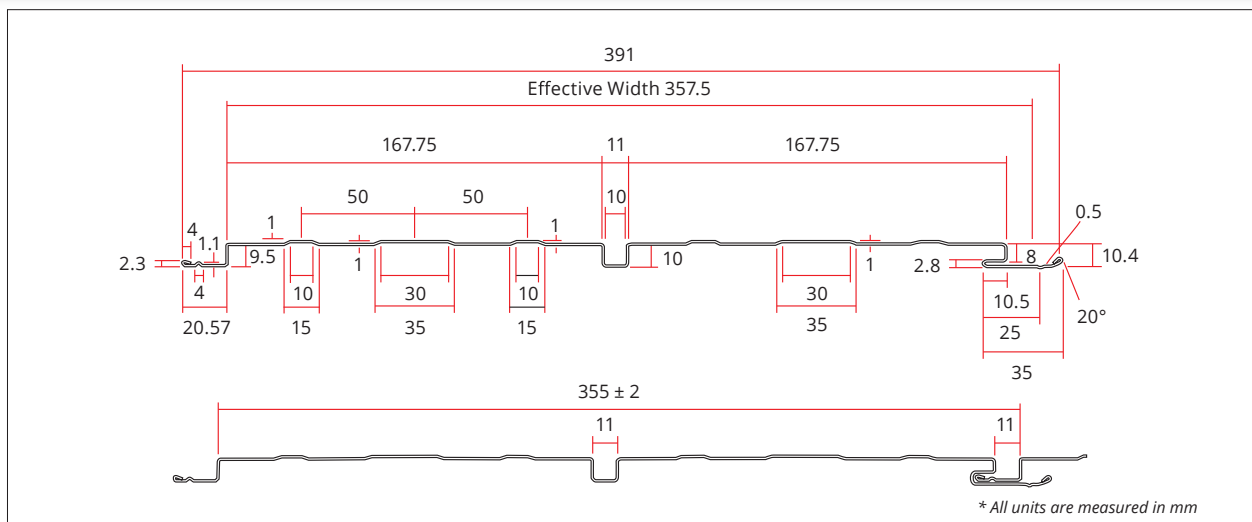
Example

Design, fabricate and install "Ledex® Ceiling Panel G3 PU Metal" 0.4 mm TCT In Bluescope Zacs Natural AZ90 with approved color ; to be fixed vertically or horizontally with PU Foam 15mm insulation, and come complete with necessary fittings and accessories; all in accordance with Architect's drawing, manufacturer's instruction and specification. (Up to 10 years warranty on perforated by corrosion)

Ledex® Ceiling Panel G2



SPECIFICATION DRAWING



DETAILS TO SPEC IN BQ

Ledex® Ceiling Panel G2 0.40 mm TCT

Brand

Profile

**Material
Thickness**

Material warranty on perforated by corrosion:

Up to 10 years on perforated by corrosion and 5 years on colour fading

*Term & condition apply

Details to be mentioned in BQ Specification

1. Brand 2. Profile 3. Thickness 4. Material 5.Coating 6. Color 7.Warranty

Example

Design, fabricate and install "Ledex® Ceiling Panel G2" 0.4mm TCT In Bluescope Zacs Natural AZ90 with approved color ; to be fixed vertically or horizontally and come complete with necessary fittings and accessories; all in accordance with Architect's drawing, manufacturer's instruction and specification. (Up to 10 years warranty on perforated by corrosion)

PRODUCT SPECIFICATIONS

Profile	Ledex Ceiling Panel G2
Effective Width	355 mm
Steel Grade	Zincalume G300 steel
Finishing	Zacs Cool, Zacs Natural, Prima Maju, Element
Structure Spacing	1 m, 1.2 m
Recommended Screw	DSTH 310
Tolerance	Length ± 3 mm, Width ± 2 mm, Metal Thickness ± 0.03 mm

THICKNESS AVAILABLE

Thickness BMT (mm)	Thickness TCT (mm)	Weight (kg/meter)
0.25	0.30	0.90
0.30	0.36	1.10
0.35	0.40	1.30

INSTALLATION



RECOMMENDED INSTALLATION SPECIFICATION

Thickness TCT (mm)	Recommended Max. Length (m)	Recommended Span (mm)	Available Color	Usage
0.30	4.5	1000	Zacs	Ceiling
0.36	6.0	1000	Zacs & Element	Ceiling
0.40	9.0	1000	Zacs & Element	Ceiling

Ledex Ceiling Panel G3



Outer Layer

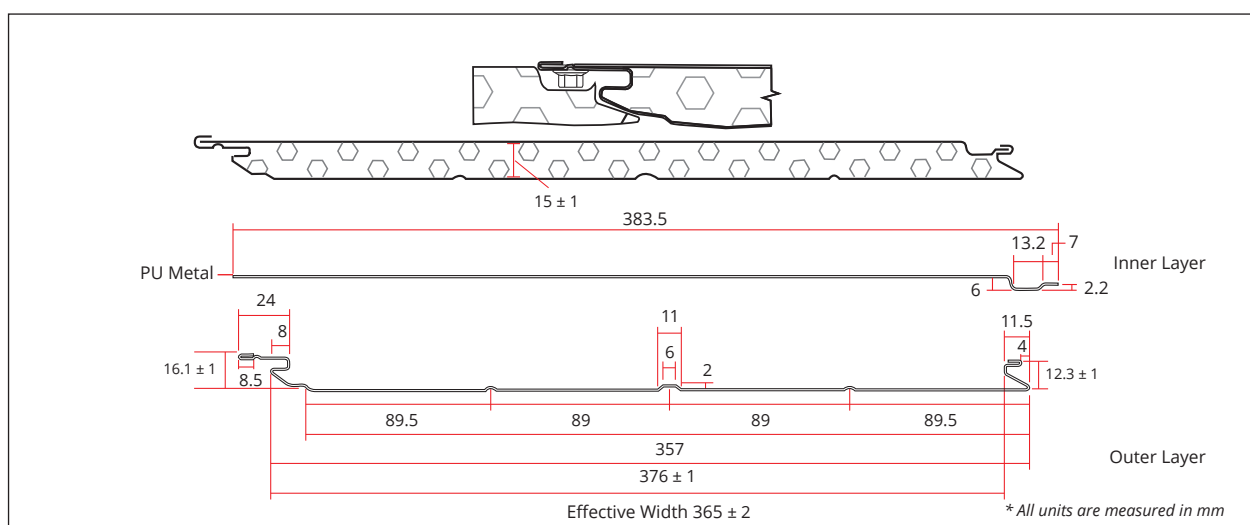


PU Metal

PU Foam

Inner Layer

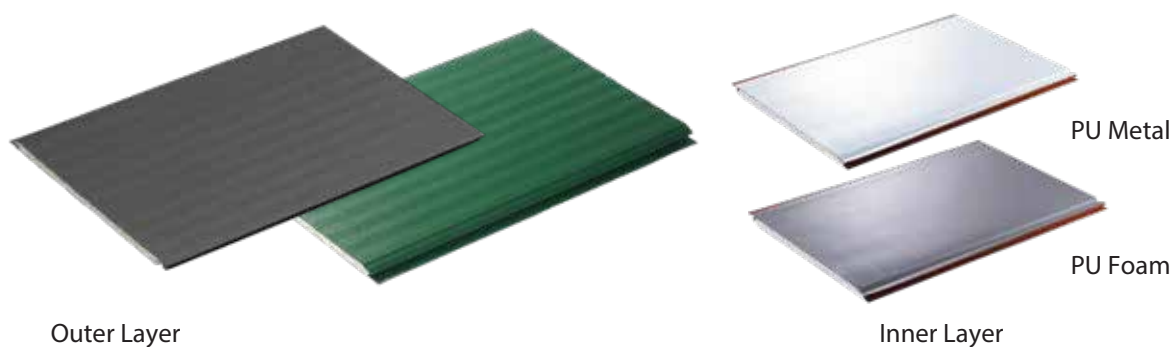
SPECIFICATION DRAWING



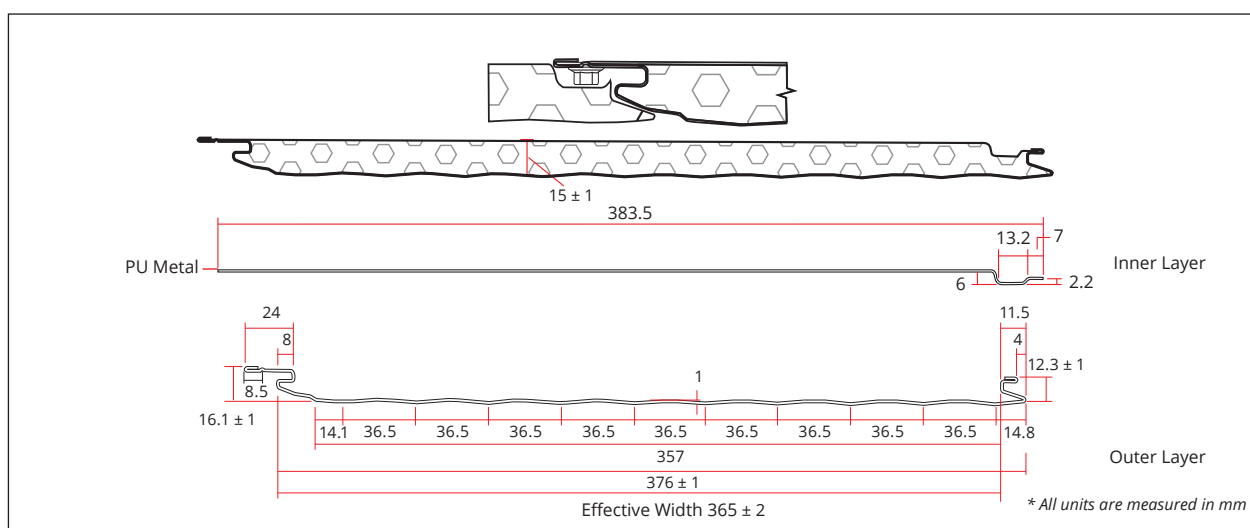
PRODUCT SPECIFICATIONS

Profile	Ledex Ceiling Panel G3
Effective Width	365 mm
Steel Grade	Zincalume G300 Steel
Outer Layer Finishing	Zacs Cool, Zacs Natural, Element
Inner Layer Finishing (PU Foam)	Aluminium Foil
Inner Layer Finishing (PU Metal)	Dove White 0.25 mm TCT
PU Foam Thickness	15 mm
PU Foam Insulation Density	40 kg/m ³
Structure Spacing	1.2 m, 1.5 m
Application	Exterior, interior Ceiling & Wall
Recommended Screw	DSTH 310
Tolerance	Length ± 3 mm, Width ± 2 mm, Metal Thickness ± 0.03 mm, PU Thickness ± 2 mm

Ledex® Ceiling Panel G4



SPECIFICATION DRAWING



PRODUCT SPECIFICATIONS

Profile	Ledex Ceiling Panel G4
Effective Width	365 mm
Steel Grade	Zincalume G300 Steel
Outer Layer Finishing	Zacs Cool, Zacs Natural, Element
Inner Layer Finishing (PU Foam)	Aluminium Foil
Inner Layer Finishing (PU Metal)	Dove White 0.25 mm TCT
PU Foam Thickness	15 mm
PU Foam Insulation Density	40 kg/m ³
Structure Spacing	1.2 m, 1.5 m
Application	Exterior, interior Ceiling & Wall
Recommended Screw	DSTH 310
Tolerance	Length ± 3 mm, Width ± 2 mm, Metal Thickness ± 0.03 mm, PU Thickness ± 2 mm

Ledex® Ceiling Panel Embossed Bark



Outer Layer

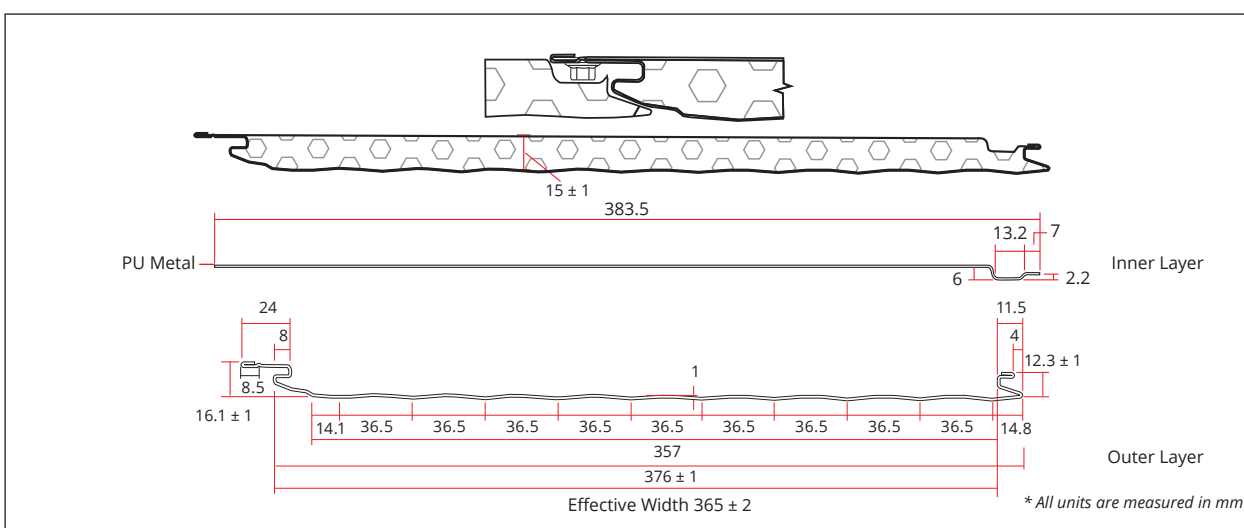


PU Metal

PU Foam

Inner Layer

SPECIFICATION DRAWING



PRODUCT SPECIFICATIONS

Profile	Ledex Ceiling Embossed Bark
Effective Width	365 mm
Steel Grade	Zincalume G300 Steel
Outer Layer Finishing	Zacs Cool, Zacs Natural, Element
Inner Layer Finishing (PU Foam)	Aluminium Foil
Inner Layer Finishing (PU Metal)	Dove White 0.25 mm TCT
PU Foam Thickness	15 mm
PU Foam Insulation Density	40 kg/m ³
Structure Spacing	1.2 m, 1.5 m
Application	Exterior, interior Ceiling & Wall
Recommended Screw	DSTH 310
Tolerance	Length ± 3 mm, Width ± 2 mm, Metal Thickness ± 0.03 mm, PU Thickness ± 2 mm

THICKNESS AVAILABLE

Ledex Ceiling Panel PU Foam (G3, G4, Embossed Bark)

Thickness BMT (mm)	Thickness TCT (mm)	Weight (Kg/meter)
0.25	0.30	1.10
0.30	0.36	1.30
0.35	0.40	1.50

Ledex Ceiling Panel PU Metal (G3, G4, Embossed Bark)

(PU Metal weight is based on inner metal skin 0.25 mm TCT)

Thickness BMT (mm)	Thickness TCT (mm)	Weight (Kg/meter)
0.25	0.30	1.86
0.30	0.36	2.06
0.35	0.40	2.26

INSULATION PROPERTIES

Item	Specifications
Type of Insulation	Rigid Polyurethane (PUR)
Foam Density	40 kg/m ³
Insulation Grade	Non CFC, Non HCFC
K Value (Thermal Conductivity)	0.024 w/mk - 0.026 w/mk
Thickness of Insulation	15 mm
U Value (Thermal Transmittance)	1.60 w/m ² k
R Value (Thermal Resistance)	0.625 w/m ² k

PROFILE DIFFERENCE

Ledex Ceiling Panel G3



Simple 3 parallel line pattern for simplicity and clean finish.

Ledex Ceiling Panel G4



Multiple parallel line pattern. Lines are lightly embossed for more textured finish.

Ledex Ceiling Panel Embossed Bark

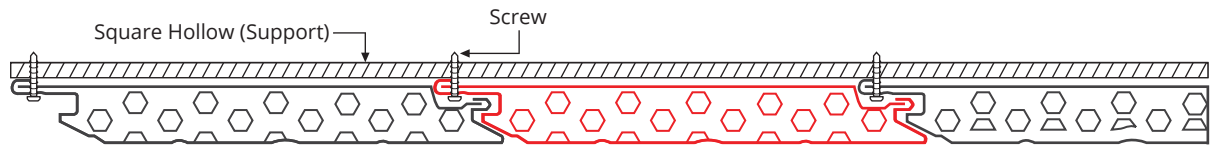


Unique pattern with natural embossed texture of tree bark.

Different design of embossing can be done on the panel beside the bark surface

INSTALLATION

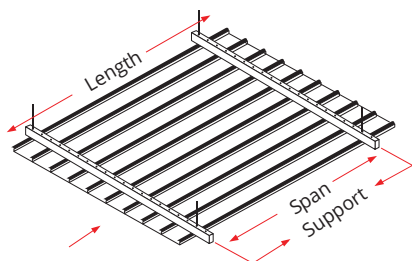
Ledex Ceiling Panel G3, G4 & Embossed Bark



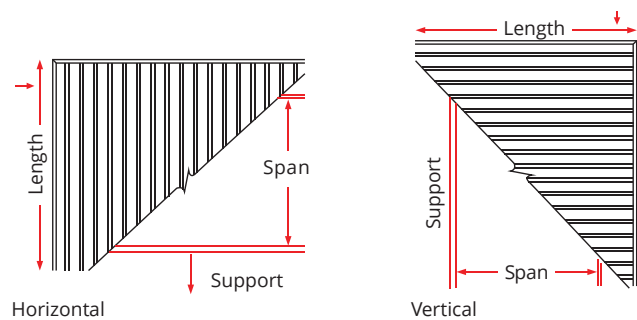
RECOMMENDED INSTALLATION SPECIFICATION

Thickness TCT (mm)	Recommended Max. Length (m)	Recommended Span (mm)	Available Color	Usage
0.30	6.0	1200	Zacs	Ceiling & Wall Cladding
0.36	10.0	1200	Zacs & Element	Ceiling & Wall Cladding
0.40	12.0	1200	Zacs & Element	Ceiling & Wall Cladding

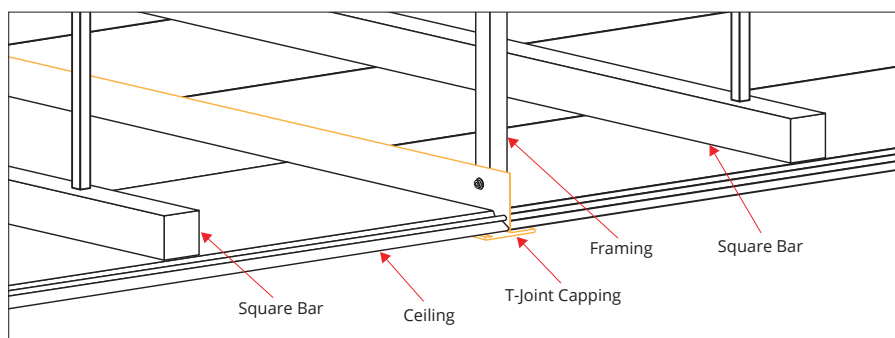
CEILING INSTALLATION



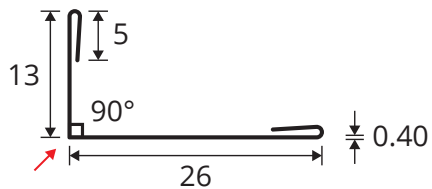
PARTITION INSTALLATION



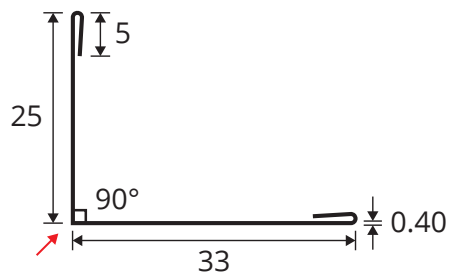
LEDEX T-JOINT CAPPING INSTALLATION DETAIL



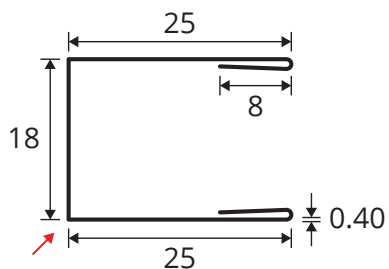
"L" Angle - CP G2



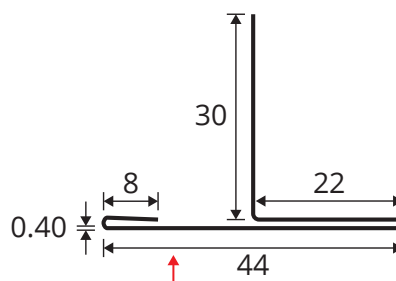
"L" Angle - CP



U Capping - CP



T-Joint Capping



* All units are measured in mm

* Any special sizes will be customized on request

* Color Pointer →

L and U cappings are installed to conceal the rough edges for aesthetic purposes



PROJECT REFERENCE



Tt Dorf Hotel Lobby



Tt Dorf Hotel Room



Interior Design, Kitchen



Extension Awning



Patio

PROJECT REFERENCE



Bluescope Steel Malaysia, Surau



Car Porch, Match with Plaster Ceiling



Interior Design



Modern Office Design

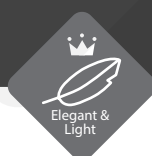


Ledex®
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Louvre System



Louvre System Introduction



Ledex Louvre System, a real classic, is to be used for applications on straight, curved and angled facades. The product has an elegant and light appearance with nicely curved edges. Roll-formed Louvre panel is made with metal steel. By using metal steel, Louvre is stronger compared to ordinary aluminium product of the same category. For example, a long metal Louvre will be more durable than the aluminium Louvre panel.

Ledex Louvre System also uses BlueScope Steel Element™ Material. There are 3 types of carriers meeting customer's requirements i.e. **Louvre Carrier 191**, **Louvre Carrier 84** and **Louvre Carrier 150**.

Application of Ledex Louvre System includes :

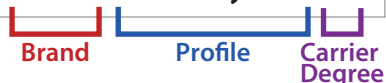
- Shopping Mall
- High Rise Building
- Landed Residential
- Club House
- Shop House
- Hotel
- Signboard

LEDEX LOUVRE PANEL 110



DETAILS TO SPEC IN BQ

Ledex® Louvre System 45°



Material warranty on perforated by corrosion:

Up to 10 years on perforated by corrosion

*Term & condition apply

Details to be mentioned in BQ specification:

1. Brand 2. Profile 3. Thickness 4. Material 5. Coating
6. Color 7. Warranty

Example

Design, fabricate and install "Ledex® Louvre System 45°" Louvre Panel 110 0.40 mm TCT in Bluescope Zacs Natural AZ90 with approved color ; to be fixed vertically or horizontally with Louvre Carrier 191 0.60 mm TCT in Bluescope Zinalume; all in accordance with Architect's drawing, manufacturer's instruction and specification. (Up to 10 years warranty on perforated by corrosion)

PRODUCT SPECIFICATIONS

Profile	Ledex Louvre Panel 110
Dimension	85 mm (Width) x 15 mm (Height) x 6000 mm (Length)
Steel Grade	Zinalume G300 steel
Finishing	Zacs Cool, Zacs Natural, Element
Available Thickness (TCT)	0.40 mm
Weight	0.32 kg/meter
Tolerance	Length +0 mm, -3 mm, Thickness ± 0.03 mm

LEDEX LOUVRE CARRIER

Ledex Louvre Carrier 191



PRODUCT SPECIFICATIONS

Profile	Ledex Louvre Carrier 191
Dimension	17 mm (Width) x 86.5 mm (Height) x 1000 mm (Length)
Steel Grade	Zincalume G300 steel
Finishing	Zincalume
Available Thickness (TCT)	0.60 mm
Weight	0.85 kg/meter
Pitch	45°
Tolerance	Length +0 mm, -3 mm, Thickness ± 0.03 mm

Ledex Louvre Carrier 150



PRODUCT SPECIFICATIONS

Profile	Ledex Louvre Carrier 150
Dimension	17mm (Width) x 66 mm (Height) x 1000 mm (Length)
Steel Grade	Zincalume G300 steel
Finishing	Zincalume
Thickness Available (TCT)	0.60 mm
Weight	0.60 kg/meter
Pitch	25°
Tolerance	Length +0 mm, -3 mm, Thickness ± 0.03 mm

Ledex® Louvre Carrier 84



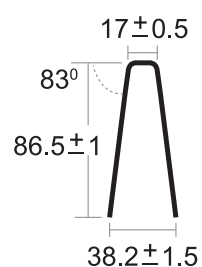
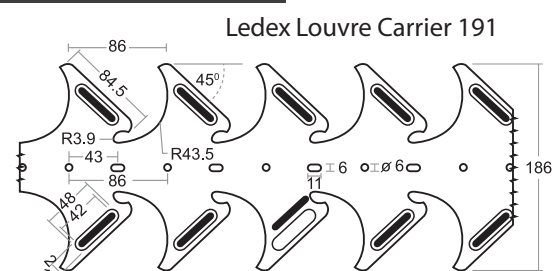
PRODUCT SPECIFICATIONS

Profile	Ledex Louvre Carrier 84
Dimension	17mm (Width) x 35mm (Height) x 1000mm (Length)
Steel Grade	Zincalume G300 steel
Finishing	Zincalume
Thickness Available (TCT)	0.60 mm
Weight	0.37 kg/meter
Pitch	0°
Tolerance	Length +0 mm, -3 mm, Thickness ± 0.03 mm

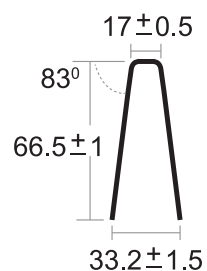
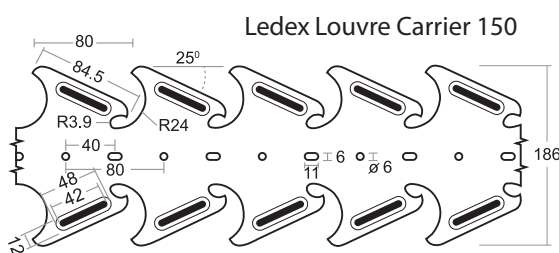
3 TYPES OF LEDEX LOUVRE CARRIER



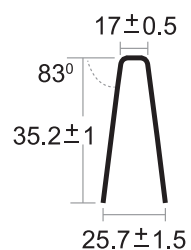
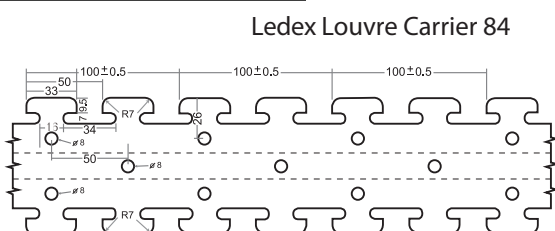
SPECIFICATION DRAWING



SPECIFICATION DRAWING

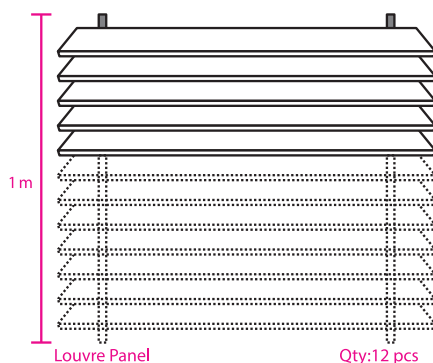


SPECIFICATION DRAWING

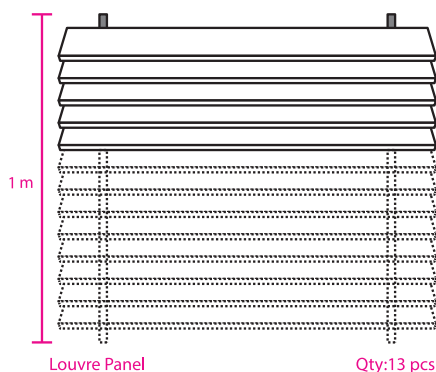


INSTALLATION RECOMMENDATION

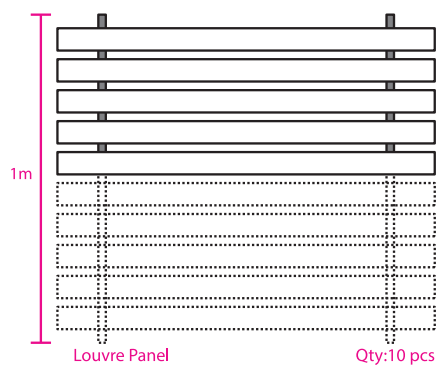
Louvre Carrier 191
Louvre 45°



Louvre Carrier 150
Louvre 25°

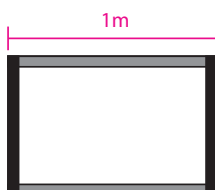


Louvre Carrier 84
Louvre 0°

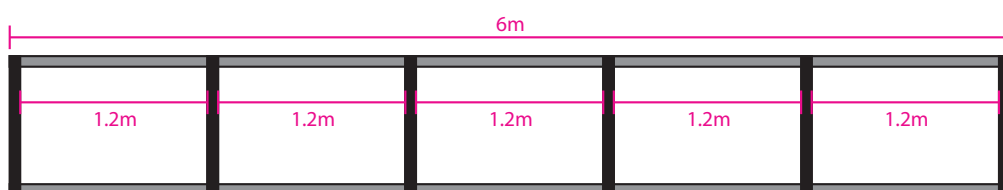


LOUVRE FRAME PROPOSE FOR CARRIER

Single



Continuous



For further consultation, please contact our experienced sales or technical sales for your request. Please provide us with as much information as you can so that our recommendation will be more accurate and useful.

PROJECT REFERENCE



Residential Sunshade



Patio



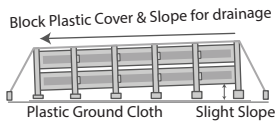
Fave Hotel, Langkawi

STORAGE AND HANDLING

DO's



Store indoor and away from access to open areas. If left in the open, protect them with waterproof covers.



If material is not required for immediate use, stack them neatly and clear off the ground. Maintain a clear gap of 30cm between sheet package and ground.

Store off the ground and with a minimum 50° slope (1:10) so that if rain penetrates the covering, water will drain away and not form a water pond.



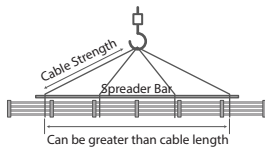
Inspect the storage site regularly to ensure that moisture has not penetrated the stock.



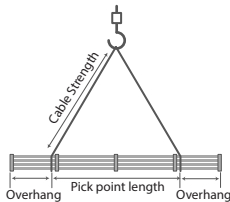
If stacked or bundled product becomes wet, separate it without delay, wipe it with a clean cloth and stack it to dry thoroughly.



It must be lifted by the seam to prevent buckling. Additional people may be required to transport the panel safely and without damage.



Use a spreader bar for long sheets. For small to medium size projects, without mechanical handling facilities, you can unload sheets by hand and pass them up to the roof one at a time.



When handling bundles with a crane, the distance between pick points must be no greater than the length of the cable. When possible, straps should be placed close to the supporting framework.

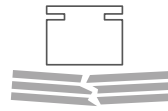


Cutting debris need to be swept away.



Welding particles need to be swept away.

DON'Ts



Don't keep heavy material on stacked sheets to avoid damages.



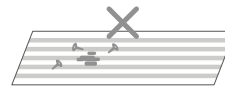
Don't use metal chain for lifting sheets.



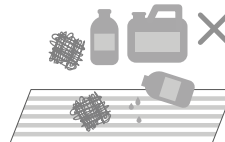
Don't let unused sheets get wet.



Don't keep sheets in direct contact with soil, cement or dirt.



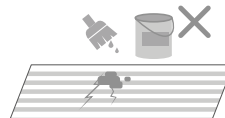
Extra or unused screw need to be removed from rooftop.



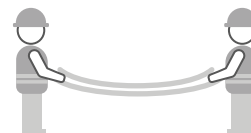
Avoid using spirit, petrochemical or wire brush to clean the roof.



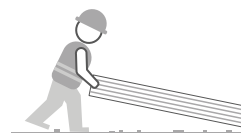
Don't use stainless steel screws.



Don't apply paint over scratches.

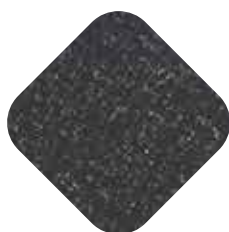


Don't lift the panels without seam.

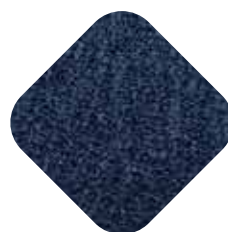


Don't slide sheets over rough surfaces or over each other. Always carry tools, don't drag them.

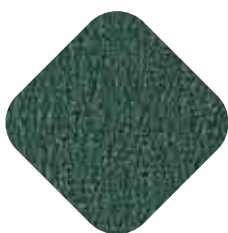
COLOR CHART (Ceiling Series)



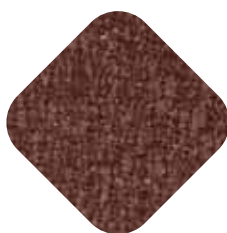
LAVAROCK



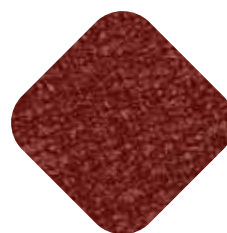
SAPPHIRE



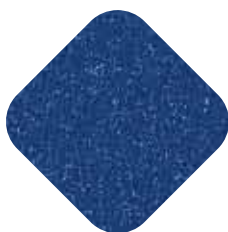
GREEN SUMMER



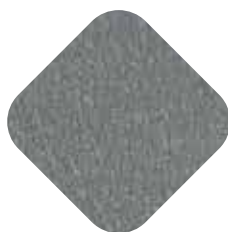
SMOKYROCK



RED GARDEN



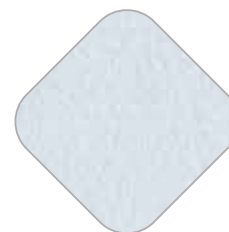
HEAVENLY BLUE



CLOUDY DAY



SANDY SAHARA

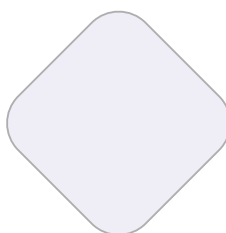


COTTON MALLOW

Elements™



CHERRY MABELIA
(WOOD GRAIN)



DOVE WHITE (MERGAS)

HEADQUARTER

No. 768 Lorong Perusahaan Bukit Minyak 9,
Kawasan Perindustrian Bukit Minyak,
MK 13, 14100 Seberang Perai Tengah,
Pulau Pinang.

BUKIT MINYAK BRANCH

No. 736, Lorong Perusahaan Bukit Minyak 11,
Kawasan Perindustrian Bukit Minyak, MK 13,
14100 Seberang Perai Tengah,
Pulau Pinang.

SUNGAI PETANI BRANCH

Lot 33, Jalan 8,
Kawasan Perindustrian Bakar Arang,
08000 Sungai Petani,
Kedah.

ALOR SETAR BRANCH

542, Jalan Tandop 1,
Kawasan Perindustrian Tandop Baru,
05050 Alor Setar,
Kedah.

IPOH BRANCH

Lot 304989, Jalan Seramik Chepor 11/1,
Pusat Seramik Fasa 2,
31200 Chepor,
Perak.

CONTACT US

LE NAM MEGASHEET (M) SDN BHD is committed to serve you the way you want conveniently. Contact us (+604-501 6133) in person at one of our many locations or email us enquiry@ledex.com.my



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