

STRIP CEILINGS

84G splice is made of either pre-painted aluminium or galvanized steel to suit linear strip panels. It provides tight joins to ensure both joining strip panels do not separate and keeping the panels level around the joins.

Carrier Joiner made of galvanized steel to suit the carrier. It connects both joining carriers with self tapping screws.

Suspension / adjustable clip for hanger rod is use to adjust ceiling level easily (Internal only).



- Aesthetics
- Dirt and stains can be easily cleaned
- Effective as outdoor ceilings
- Does not get moldy or sag
- Available in a wide range of colors
- Light weight and easy to handle and install
- Individual panels can be removed easily for access
- Panels can be custom cut to desired lengths
- Fast manufacturing time and delivery speed
- Concealing the carrier rail for neat and tidy appearance

Brief technical specification

PANELLITE Type 84G / 90G linear strip ceilings by Panellite Marketing Sdn Bhd. Strip panels are manufactured from **0.50mm thick pre-painted aluminium / 0.35mm thick pre-painted galvanized steel**. It manufactured by using roll forming process to form the panels **width of 84mm, 12.5mm depth and 24mm flange** (Type 84G) or **12mm flange** (Type 90G) on one side.

When the strip panels are clipped onto the 84G carrier, the panels will form a 16mm recess (**Module 100**). However using the same panel to clipped onto the 90G carrier, the panels will only form 8mm recess (**Module 92**) based on the carrier design.

The carrier is made of **0.9mm thick aluminium or 0.5mm galvanized steel** like an inverted U channel. Panel grips are punched out from the carrier at equal space to provide the means for the strip panels to be clipped onto the carrier. The carriers are installed at a spacing of between **1000mm to 1200mm** for internal applications, and between **600mm to 1000mm** for outdoor applications.

Mineral wool pads can be laid on top of the ceiling panels for heat and fire insulation. For effective acoustical control, the strip panels can be perforated and bonded with a layer of black non-woven acoustic black tissue.

PANELLITE
Architectural Products

KUALA LUMPUR

Panellite Marketing Sdn Bhd (733583-P)
5, Jalan Sungai Jelur 32/189, Bukit Naga, Seksyen 32,
40460 Shah Alam, Selangor, Malaysia.
Tel: +603-5891 5818 / +603-5879 0918 Fax: 1700 81 0783

BORNEO

Panellite Marketing (Borneo) Sdn Bhd (920462-U)
Lot No. 2, Block G, Sri Kemajuan Industrial Centre, Mile 6½, Jalan Tuaran,
88450 Kota Kinabalu, Sabah, Malaysia.
Tel: +6012-684 8698 Fax: +6088-428 246

Technical data subject to change without prior notice.

84G
90G



STRIP CEILING

TYPE 84G / 90G

PANELLITE

The PANELLITE Linear Strip Ceiling Type 84G and 90G are popular conceal ceiling systems used in many building internally as well as externally. The recessed joins provide the linear appearance that enhances the perspective of space. The available colors enable the designers to create a non monotonous ceiling.

COMPOSITION

Systems:

Strip panel, carrier, trimming angle and suspension clip ceiling system forming a module 100mm / module 92mm. Perforated panels optionally equipped with insulation material to meet thermal and acoustic specifications.

Material:

PANELLITE Type 84G panels are roll formed from:

- a) 0.50mm thick pre-painted stove aluminium or
- b) 0.35mm thick pre-painted hot dip galvanized steel.

Paint System / Coatings:

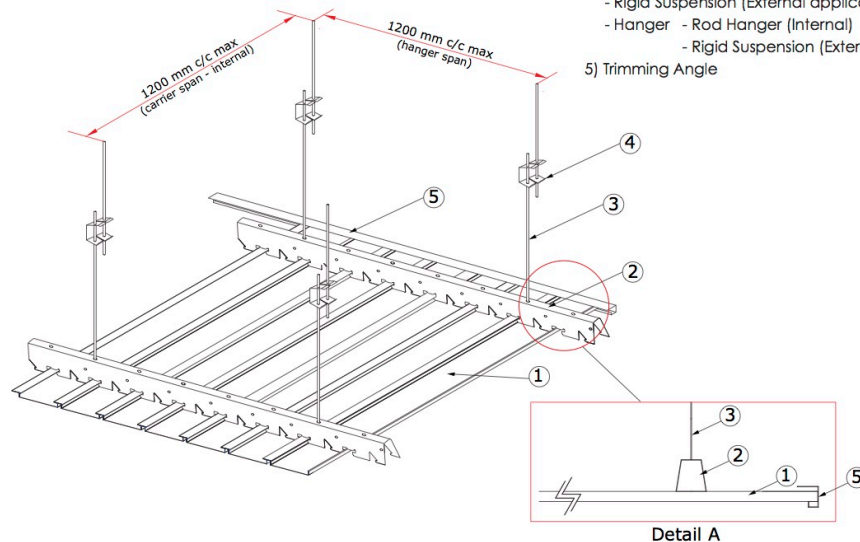
Polyester coating

Approximately 2.0 micron thick coating providing excellent surface protection and finish.



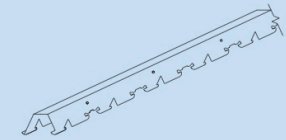
Illustration

- 1) PANELLITE strip ceiling panel Type 84G
- 2) PANELLITE carrier
- 3) Rod hanger
- 4) Adjustable Clip / Spring Clip (Internal only)
 - Rigid Suspension (External application)
 - Hanger - Rod Hanger (Internal)
 - Rigid Suspension (External)
- 5) Trimming Angle

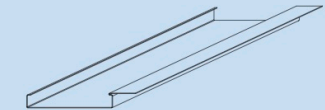


Material Specification

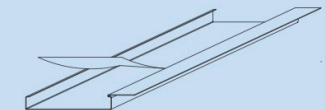
Type of Panels	84G	90G
PANELS		
Panel Width	84 mm	
Panel Depth	12.50 mm	
Panel Flange	24 mm	12 mm
Panel Thickness	- Galvanized Steel 0.35 mm - Aluminium 0.50 mm	
Max. Panel Length	6 meter	
Material	Pre-painted aluminium or galvanized steel	
Color Range	Range of Standard Color <i>(please refer to color chart)</i>	
PANELS PERFORATED (OPTIONAL)		
Standard Perforation	Diameter of hole is 2.0 mm, diagonally with approximately opening area of 20%	
ACOUSTIC (OPTIONAL)		
Material	Black tissue or Soundtex non-woven tissue (NRC=0.7)	
CARRIER RAIL		
Section Width	32 mm	
Section Depth	30 mm	
Section Thickness	0.5 mm thick for galvanized steel 0.9 mm thick for aluminium	
Section Length	3000 mm (standard)	
Carrier Spacing	1000 - 1200 mm for internal 600 - 1000 mm for external	



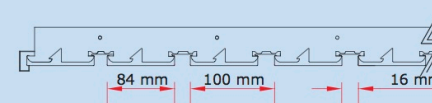
PANELLITE Carrier



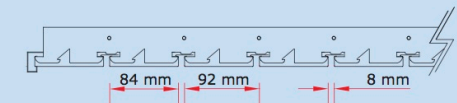
PANELLITE 84G panel



PANELLITE 84G perforated panel with black tissue



Type 84G (Module 100 mm)



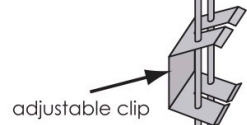
Type 90G (Module 92 mm)

- Concealing the carrier rails
- Excellent for outdoor use with some wind loading
- Does not allow air circulation thus minimizing dust collection on panel surface

STRIP CEILINGS

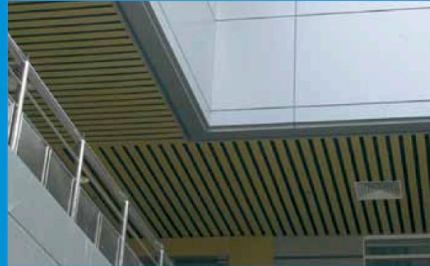
Accessories :

Suspension Clip



(For external only)

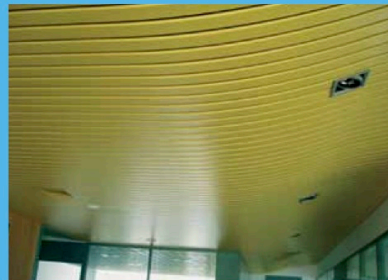
Adjustable clip or spring clip connector for hanger rod is used to adjust ceiling level easily.



Brief technical specification

PANELLITE Type 84R / 100R linear strip ceilings by Panellite Marketing Sdn Bhd. Strip panels manufactured from **0.5mm** thick prepainted aluminium or **0.35mm** thick prepainted galvanized steel. The strip panels are manufactured by continuous roll forming process, with the panels width of **84mm (Type 84R) / 100mm (Type 100R)**, **16mm** deep with evenly rounded curls on each side. When clipped onto the carrier rail the strip panels leave a **16mm / 50mm** gap in between them, forming a _____ module linear strip ceiling system.

The carrier rail is made of **0.5mm** thick galvanized steel with flanges on both sides. Lugs are punched out from the flanges at equal space to provide the means for the strip



panels to be clipped onto the carrier rails. The carrier rails are installed at a spacing of **1000mm to 12000mm** for internal applications, and between **800mm to 1000mm** for outdoor applications.

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- Aesthetics
- Dirt and stains can be easily cleaned
- Provide acoustical control
- Can be used as outdoor ceilings
- Does not get moldy or sag
- Wide range of colours including wood grain patterns
- Light weight and easy to handle and install
- Individual panels can be removed easily for access
- Panels can be custom cut to desired lengths
- Fast manufacturing time and delivery speed
- Cost effective
- Panels can be curved to form curve ceilings

84R
100R

STRIP CEILINGS

STRIP CEILING

TYPE 84R / 100R

The PANELLITE Linear Ceiling Type **84R / 100R** is an elegant and versatile ceiling system widely installed in many prestigious buildings and structures. They are also used in many homes to provide a decorative interior finish to the ceilings.

COMPOSITION

Systems:

Strip panel, carrier (with **16mm / 50mm** gap between the panels), trimming angle and suspension clip ceiling system forming a module **100mm / module 150mm**. (For different module, please refer to manufacturer details).

Perforated panels optionally equipped with installation material to meet thermal and acoustic specifications.

Material:

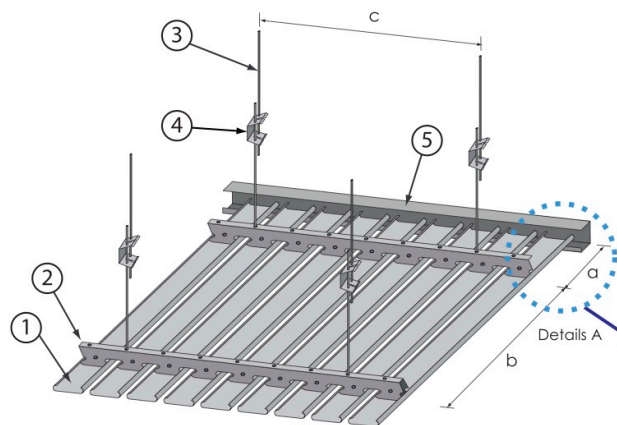
PANELLITE Type 84R / 100R panels are roll formed from:

- 0.50mm thick prepainted stove aluminium or
- 0.35mm thick prepainted hot dip galvanized steel.

Paint System / Coatings:

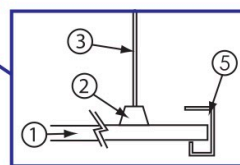
Polyester coating

Approximately 2.0 micron thick coating providing excellent surface protection and finish.



Illustration

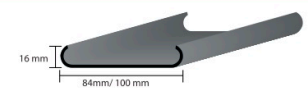
- 1) PANELLITE Ceiling panel type 84R / 100R
- 2) PANELLITE Carrier
- 3) Adjustable Clip / Spring Clip (Internal only)
 - Rigid Suspension (External application)
 - Hanger - Rod Hanger (Internal)
 - Rigid Suspension (External)
- 4) Adjustable spring clip
- 5) Trimming Angle
 - a : max 150mm
 - b : 1000mm - 1200mm (internal)
800mm - 1000mm (external)
 - c : 1000mm - 1200mm

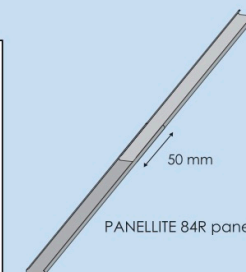


Details A

PANELLITE

Material Specification

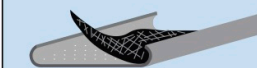
TYPE PANEL	
Cross view	
Panel Width	84mm / 100 mm
Panel Depth	16 mm
Panel Thickness	
- Steel	0.35 mm
- Aluminium	0.50 mm
Max. Panel Length	6 meter
PANELS PERFORATED (OPTIONAL)	
Type of Panel	Type 84R / 100R
Standard Perforation	Diameter of hole is 2.0mm, diagonally with approximately opening area of 16%
Microperforation	Diameter of hole is 1.2mm, diagonally with approximately opening area of 22%
BLACK TISSUES (OPTIONAL)	
Material	Normal black tissue or 'SoundTex' sound absorbing non-woven tissue (NRC=0.7)
CARRIER RAIL	
Type of Panel	Type 84R / 100R
Section Thickness	0.5 mm thick, made of galvanized steel
Section Length	3000 mm (standard)
Carrier Span	1000 - 1200 mm for internal 800 - 1000 mm for external



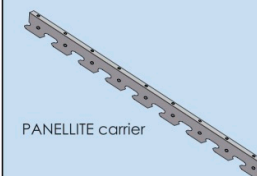
PANELLITE 84R panel

Suggestion:

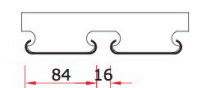
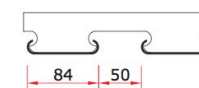
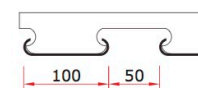
Maximum panel length is 6 meter, but panels can be clip in together to form a longer length.



PANELLITE 84R perforated panel with black tissue



PANELLITE carrier

SYSTEM	Type 84R V16	Type 84R V50	Type 100R V50
			
	- Forming a gap between panels of 16mm.	- Forming a gap between panels of 50mm.	- Forming a gap between panels of 50mm.
	- Provide excellent acoustical control when used with mineral wool pads bonded with black tissue. - Individual panels easily to remove.		