



AVAYO OUTDOOR PEDESTAL



AVAYO MIDDLE EAST COMPANY

CONTENTS

Product Introduction & Advantage	
Comparison of construction methods	
Product G2-S series	
Assemble process of slab adjustable pedestal	
Introduction of Spacer block and Non-slip gasket	
How to calculate how much you need for our product	
Product G2-J Large Joist head series	
Product G2-J small Joist head series	
Assemble process of Joist adjustable pedestal	
Matters needing attention in construction	
Introduction of Slope adjustment base	
Product G1-S series/Supp-serie.....	
Product G1-J series/Supp-series.....	
Product G3-S and J series	
Certificate and Test report	
Adjustable pedestal FAQ	
Application Cases I	
Application Cases II	

AVAYO PROFILE

AVAYO ELECTRONICS CANADA CORPORATION AVELCCO is a Canadian Corporate involved in the design, development, manufacture and marketing of Communication infrastructure products and raised floor solutions. The company has been involved in the worldwide cable, connectivity and data center market, providing highly differentiated, high- performance products since 2001.

AVAYO ELECTRONICS established its exclusive corporate office in the Ontario Business hub, Canada with the intention to satisfy the industry's growing needs. Today AVAYO ELECTRONICS has spread its operation with offices and factories located at Canada, United Arab Emirates and Kingdom of Saudi Arabia along with its strategic partners across the globe.

AVAYO Middle East Company Ltd, part of AVAYO electronics Canada Corporation (AVELCCO), started its operations in Saudi Arabia in 2006 by establishing a state of the art manufacturing facility in Riyadh. This factory has been identified as the unique one in the industry of manufacturing Raised Floor and networking products in the Middle East with independent production lines for wood, calcium sulphate and cement core panels. The factory also has in house production facility for the manufacturing of perforated panels (Airflow panels) and raised floor under structures.

The core key that has led to the growth of AVELCCO is the commitment that the company has maintained in its manufacturing excellence and the continuous strive in research and design development. The warranty and assurance AVAYO ELECTRONICS has provided to its customers with regards to the product quality has also played a pivotal role in its growth. The quality standards of AVAYO products are backed by the ISO 9001.

AVAYO ELECTRONICS also has exclusive joint ventures to source the highest quality raw materials and related products, thereby maintaining its standards at all the levels of production.

► Offices & Channel Partner Network



Product Introduction & Advantage



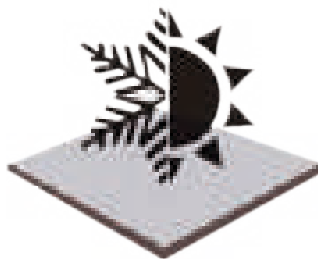
High Pressure
Resistance & Load Bearing



Quick installation
save manpower



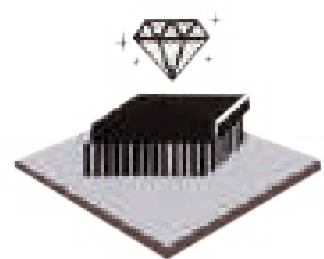
Long Performance
over 30 years



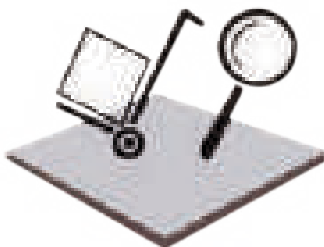
Resist High and
Low Temperature



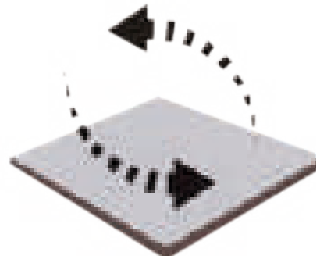
Ground stable and advanced
prevent movement



Convenient Cleaning



Easy Maintenance



Recyclable for reuse

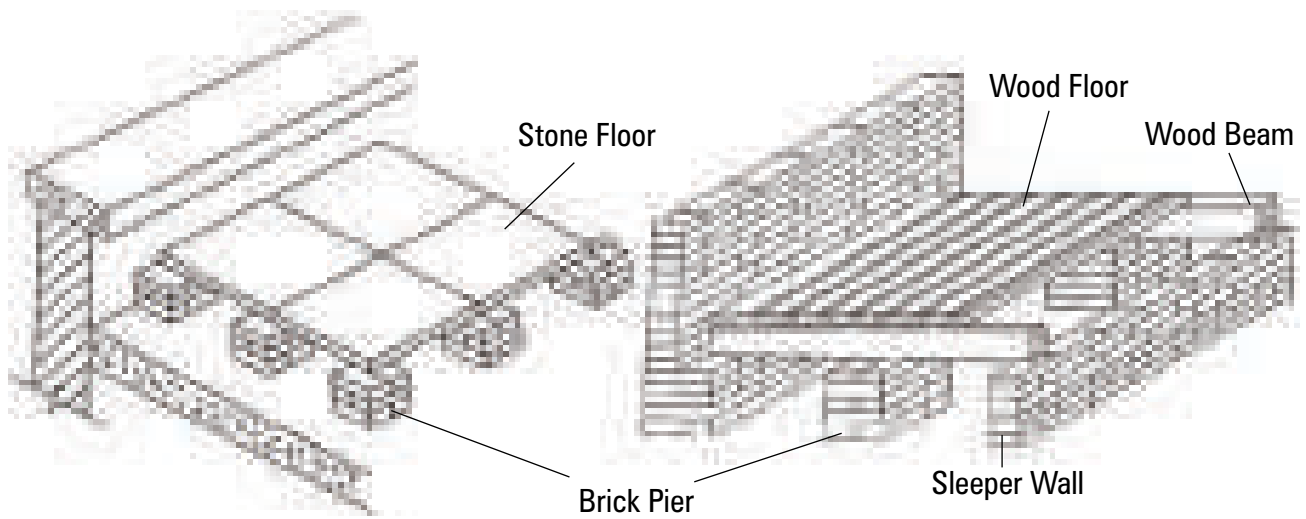


Acid/Water/Rust Proof
and anti-flame

The support base is mainly used in square fountain, dry spray pipe paving project, garden landscape project, indoor and outdoor floor pad overhead, widely used in outdoor anti-corrosion wood, plastic wood floor joist, all kinds of stone floor, engineering grid floor, as well as pipelines and other pad high paving Low engineering cost. later maintenance very convenient, it provides a perfect solution for outdoor square floor, roof floor architecture, water fountain pipeline laying and other projects requiring over head. It effectively replaces the traditional cement pier column, steel frame and overhead construction scheme, which is more conducive to the laying and installation of pipeline and other equipment, and has the advantages of long service life, high bearing capacity, reducing the overall bearing pressure of the carrier, not damaging the surface waterproof, ventilation, sound insulation and heat insulation, materials can be recycled and so on.

The support base has high bearing capacity, 0-5° gradients slope adjustment In actual use, our product can shorten the construction period by 2/3, save 2/3 material cost and 2/3 labor cost, and later maintenance very convenient.

Traditional Construction Method



Product Name	Adjustable Pedestal
Brand	AVAYO
Product Type	APG2-S Series
Material	Engineering Polypropelene(PP)
Foxed Component Dia.	150mm
Height Extension Component Dia.	110mm
Reinforced Base Dia.	200-220mm
Non-slip Gasket Thickness	2/3/45/5mm
Max. Load Bearing	2-2.7 ton
Slope Adjustment Range	0-5 Gradients
Height Adjustment Range	87-1127mm



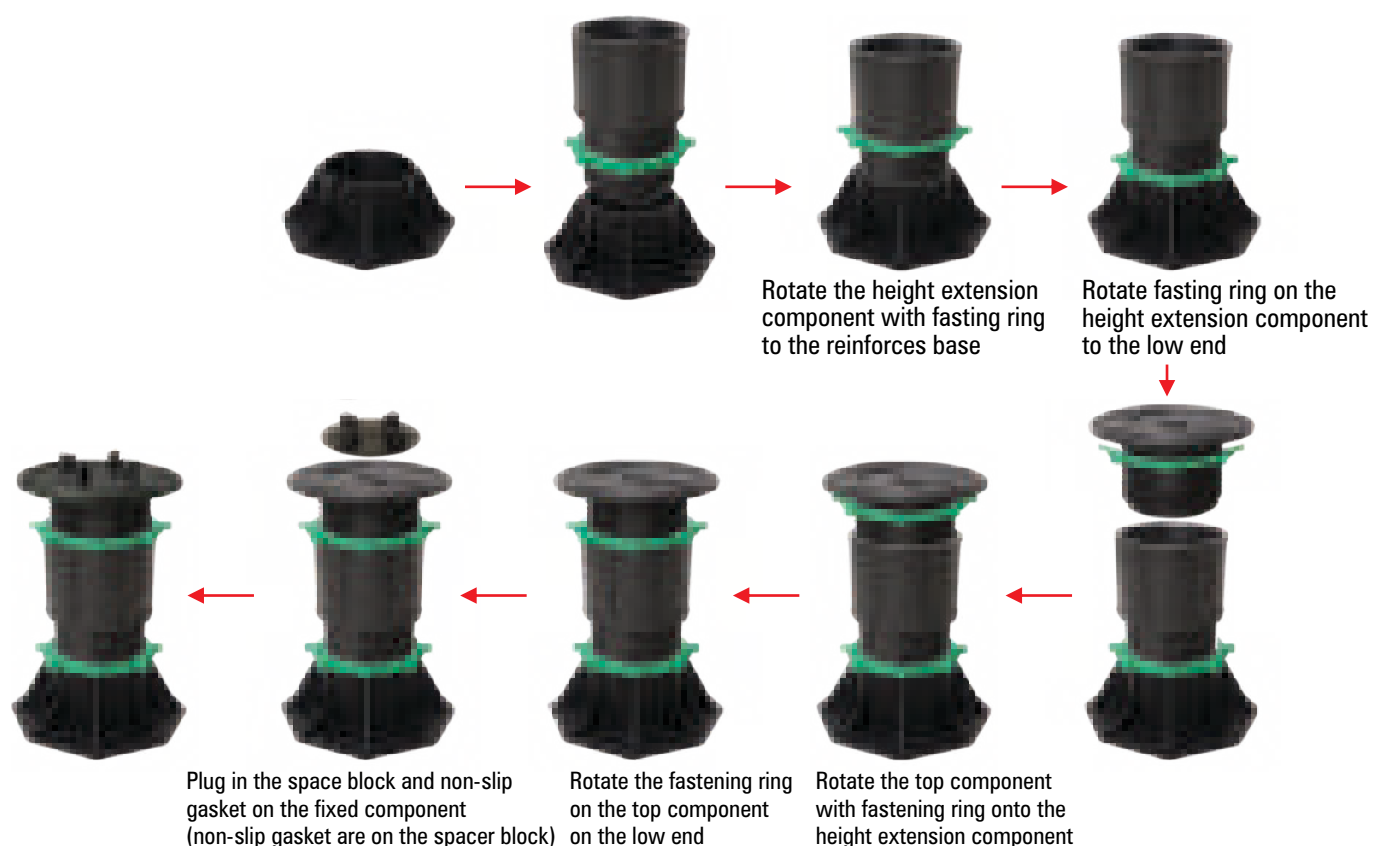
MODEL	APG2S-01	APG2S-02	APG2S-03	APG2S-04	APG2S-05	APG2S-06	APG2S-07
Height Min.	87mm	122mm	175mm	177mm	210mm	272mm	302mm
Height Max.	115mm	160mm	252mm	245mm	287mm	372mm	412mm



MODEL	APG2S-08	APG2S-09	APG2S-10	APG2S-11	APG2S-12	APG2S-13	APG2S-14	APG2S-15
Height Min.	362mm	387mm	445mm	482mm	567mm	657mm	752mm	829mm
Height Max.	500mm	542mm	592mm	362mm	762mm	887mm	1015mm	1127mm

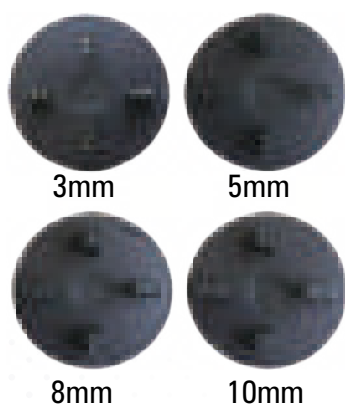


Assemble Process of Slab Adjustable Pedestal



Introduction of Spacer Block and Non-Slip Gasket

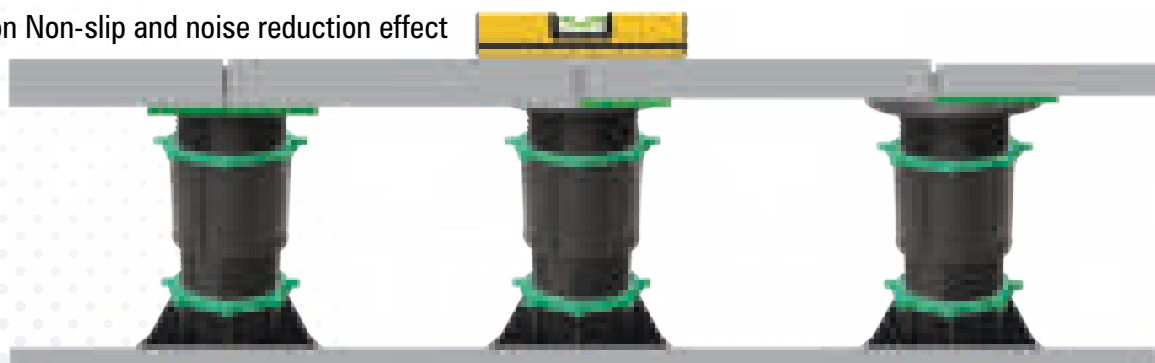
Spacer Block



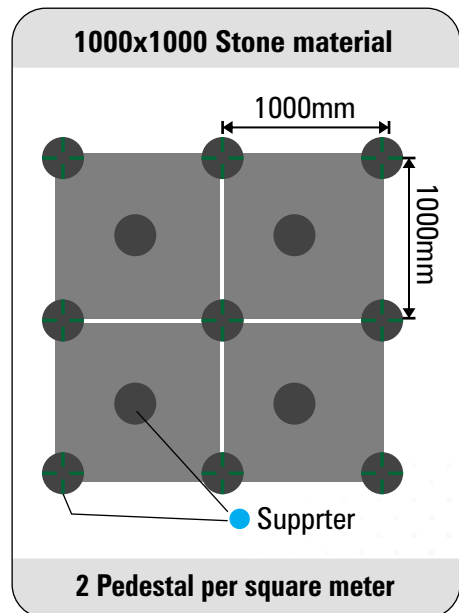
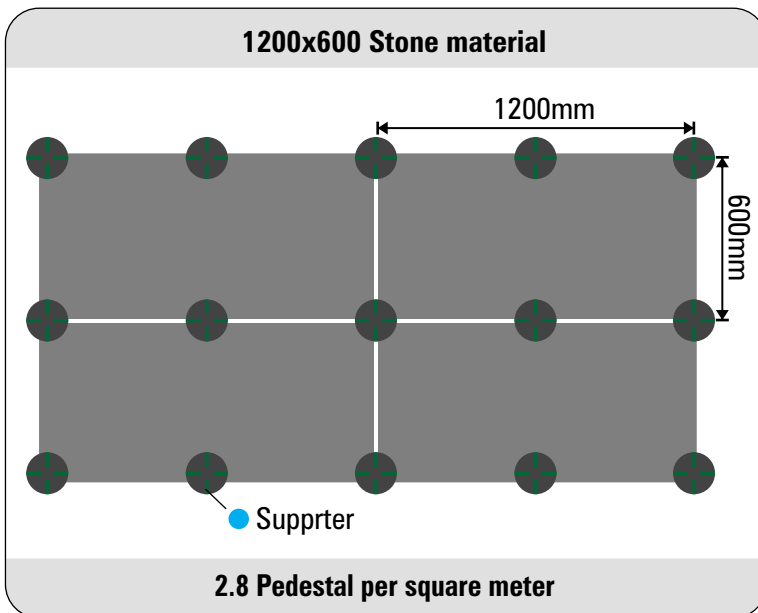
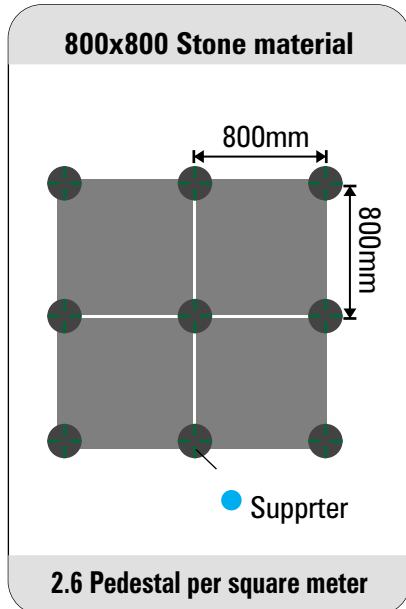
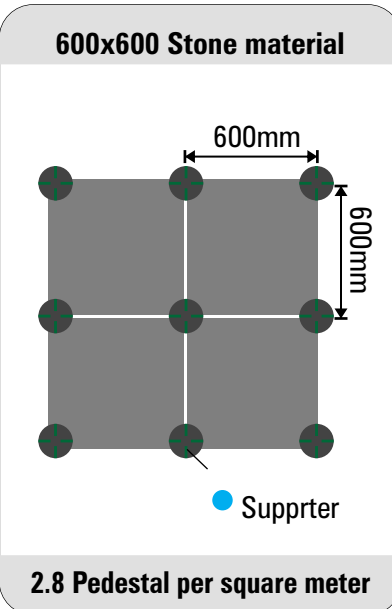
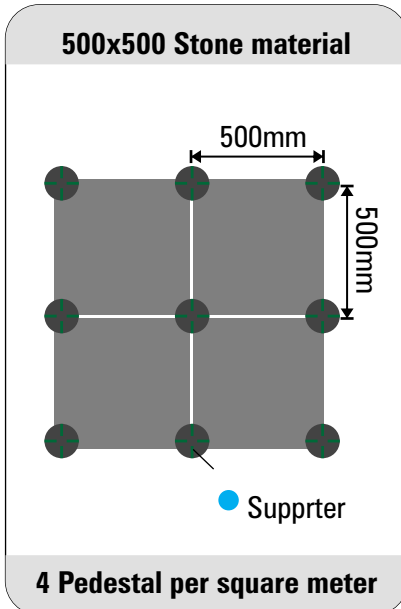
Non-slip gasket



Effective on Non-slip and noise reduction effect



How to calculate how much you need the products

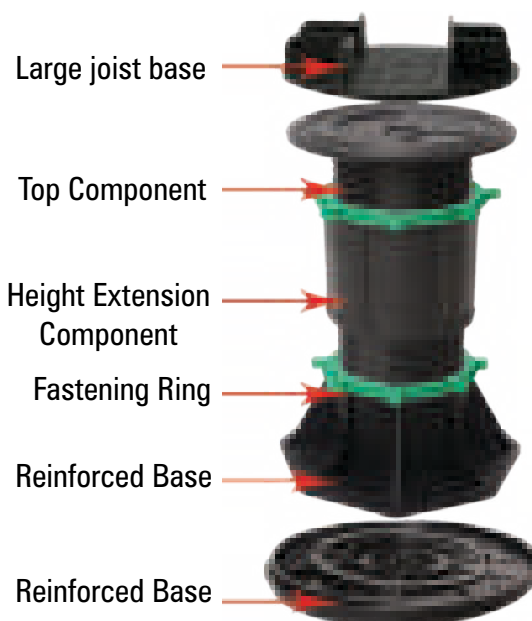


we suggest 10% more quantity as spare parts

$$\text{Total Qty} = \text{Pedestal Qty per square meter} \times \text{Project area 1.1}$$

Product APG2-J Large Joist Series

Product Name	Adjustable Pedestal
Brand	AVAYO
Product Type	APG2-J large joist head series
Material	Engineering Polypropylene(PP)
Foxed Component Dia.	150mm
Height Extension Component Dia.	110mm
Reinforced Base Dia.	200-220mm
Joist width	50mm-60mm
Max. Load Bearing	2-2.7 ton
Slope Adjustment Range	0-5 Gradients
Height Adjustment Range	90-1127mm



MODEL	APG2J-01	APG2J-02	APG2J-03	APG2J-04	APG2S-05	APG2J-06	APG2J-07
Height Min.	90mm	125mm	178mm	180mm	212mm	275mm	305mm
Height Max.	118mm	162mm	252mm	255mm	290mm	375mm	415mm



MODEL	APG2J-08	APG2J-09	APG2J-10	APG2J-11	APG2J-12	APG2J-13	APG2J-14	APG2J-15
Height Min.	365mm	390mm	448mm	485mm	570mm	660mm	752mm	829mm
Height Max.	503mm	545mm	595mm	335mm	765mm	890mm	1015mm	1127mm



Product APG2-J Small Joist Series

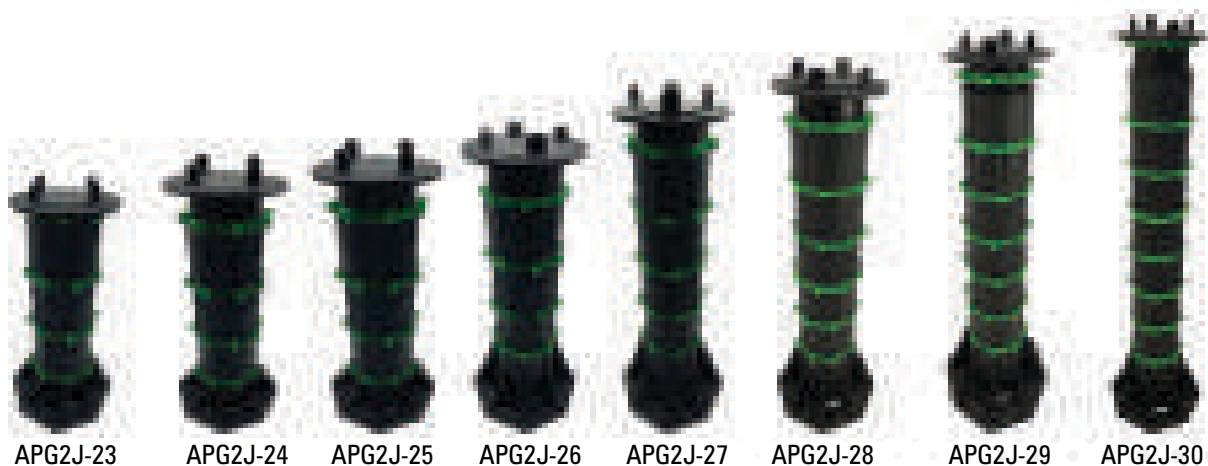
Product Name	Adjustable Pedestal
Brand	AVAYO
Product Type	APG2-J small joist head series
Material	Engineering Polypropylene(PP)
Foxed Component Dia.	150mm
Height Extension Component Dia.	110mm
Reinforced Base Dia.	200-220mm
Non-slip Gasket Thickness	50mm-60mm
Max. Load Bearing	2-2.7 ton
Slope Adjustament Range	0-5 Gradients
Height Adjustment Range	87-1127mm



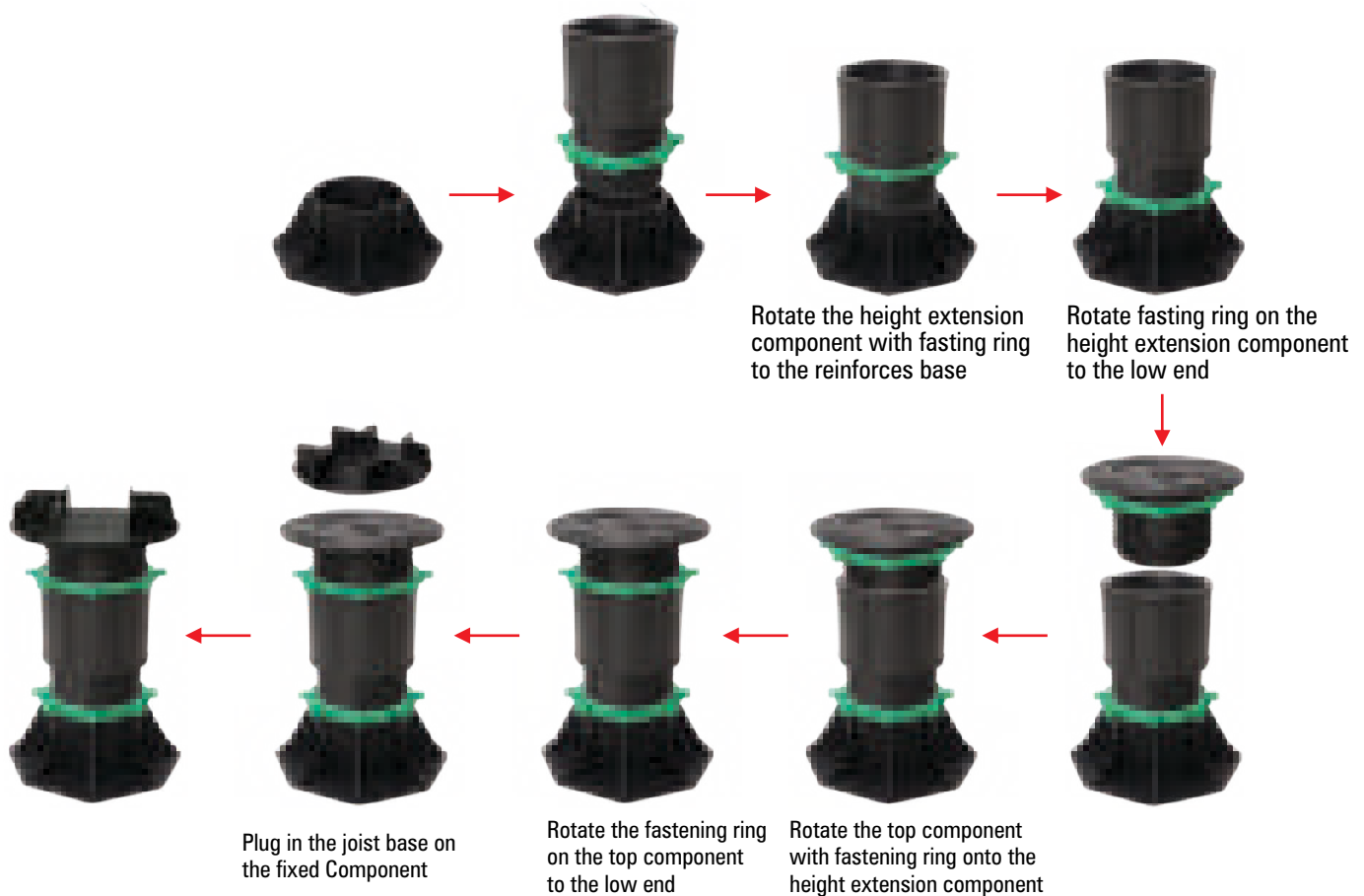
MODEL	APG2J-01	APG2J-02	APG2J-03	APG2J-04	APG2S-05	APG2J-06	APG2J-07
Height Min.	90mm	125mm	178mm	180mm	212mm	275mm	305mm
Height Max.	118mm	162mm	252mm	255mm	290mm	375mm	415mm



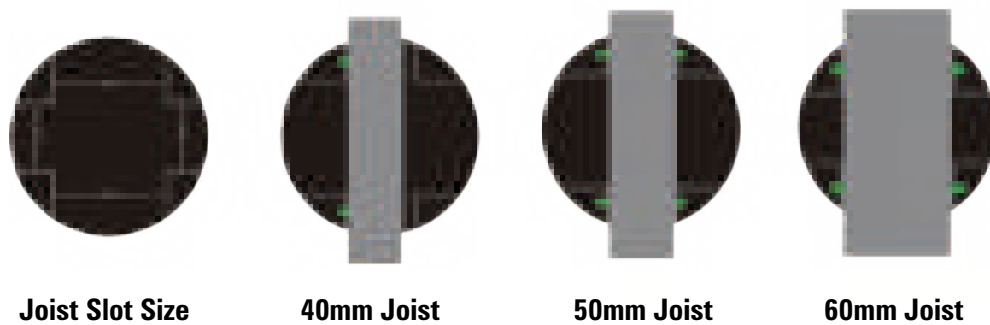
MODEL	APG2J-08	APG2J-09	APG2J-10	APG2J-11	APG2J-12	APG2J-13	APG2J-14	APG2J-15
Height Min.	365mm	390mm	448mm	485mm	570mm	660mm	752mm	829mm
Height Max.	503mm	545mm	595mm	335mm	765mm	890mm	1015mm	1127mm



Assemble Process of Adjustable Pedestal



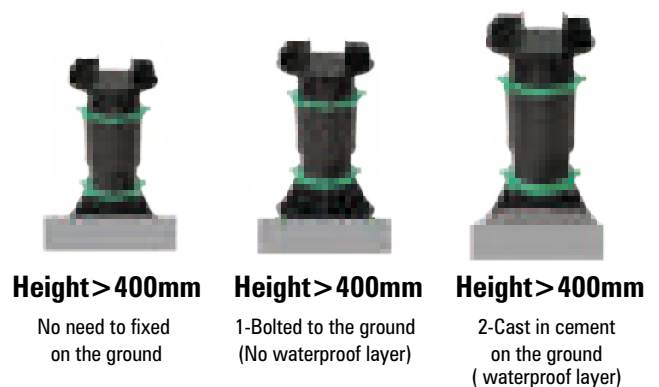
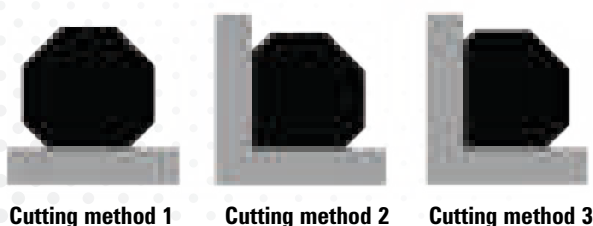
Matters needing attention in construction



Joist Slot size : 50mmx60mm, if beam size less than 50mm, fixed to one side of our slot, beam size 50mm and 60mm are perfect match with our product

for the bottom side against the wall, there are 3 cutting options, as shown below

The following figure shows how to secure the base



Introduction of Slope Adjustment

According to customer height requirements to rotate the thread to adjust the height and rotate the fastening ring to be fixed (locked). When assembling products, customers need to rotate all threads of the accessories to the middle state, so that the overall bearing capacity of the product can be maximized evenly. It is strictly forbidden to loose the bottom and tighten the top or tighten the bottom and loosen the top. It is not recommended to run motor vehicles above the floor of the support device.



Slope adjusting base: installed at the bottom of the support base, self-leveling with the ground, and adjusted to adapt to the slope, so that the supported object to achieve horizontal effect

Slope adjustment range: 0-5 gradients

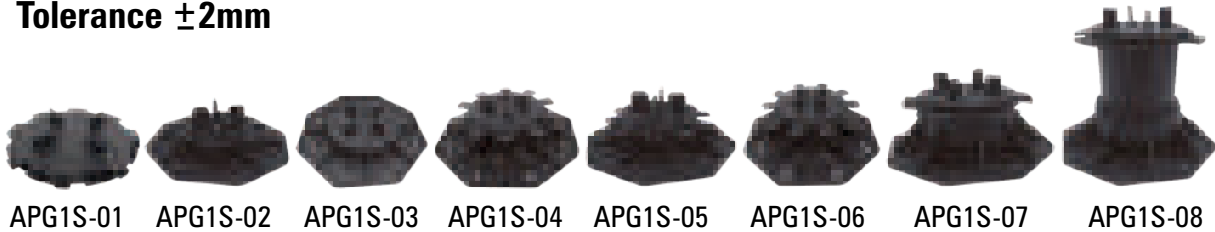
Diameter: 240 mm

Thickness: 17 mm

Product APG1-S Series

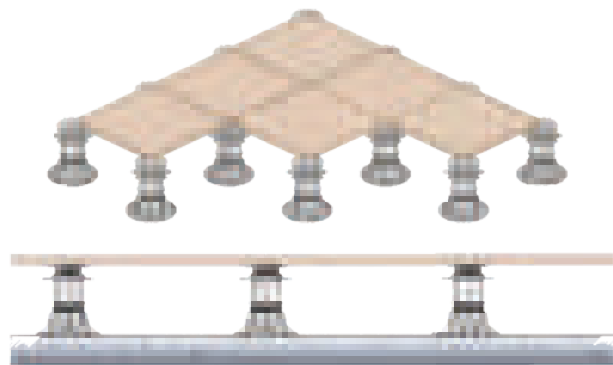
MODEL	APG1S-01	APG1S-02	APG1S-03	APG1S-04	APG1S-05	APG1S-06	APG1S-07	APG1S-08
HEIGHT RANGE	10-15mm	18-28mm	18-32mm	28-60mm	35-65mm	32-70mm	60-140mm	140-220mm

Tolerance $\pm 2\text{mm}$



Spacer Block Size:

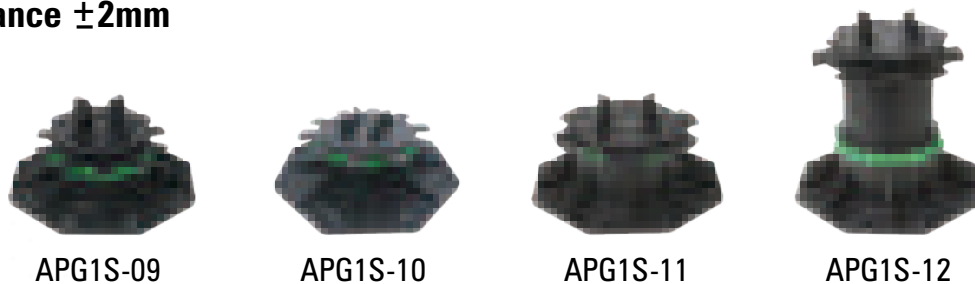
APG1S-01 : 3mm APG1S-02 : 3mm
 APG1S-03 : 3mm APG1S-04 : 3mm
 APG1S-05 : 3mm APG1S-06 : 3mm
 APG1S-07 : 3mm,5mm,8mm,10mm
 APG1S-08 : 3mm,5mm,8mm,10mm



Product G1-S SUPP-Series

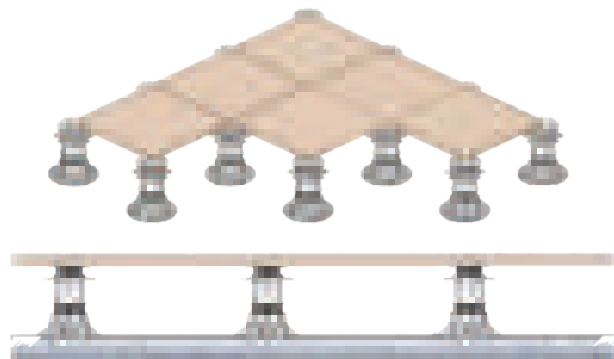
MODEL	APG1S-09	APG1S-10	APG1S-11	APG1S-12
HEIGHT RANGE	10-15mm	18-28mm	18-32mm	28-60mm

Tolerance $\pm 2\text{mm}$



Spacer Block Size:

APG1S-09 : 3mm
 APG1S-10 : 3mm
 APG1S-11 : 3mm,5mm,8mm,10mm
 APG1S-12 : 3mm,5mm,8mm,10mm



Product APG1-J Series

MODEL	APG1J-01	APG1J-02	APG1J-03	APG1J-04	GAP1J-05	APG1J-06	APG1J-07	APG1J-08	APG1S-09
HEIGHT RANGE	10-15mm	18-28mm	18-32mm	28-60mm	35-65mm	32-70mm	60-140mm	140-220mm	10-15mm

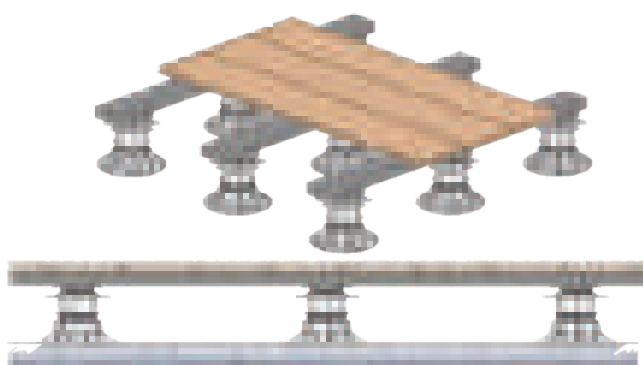
Tolerance $\pm 2\text{mm}$



APG1J-01 APG1J-02 APG1J-03 APG1J-04 GAP1J-05 APG1J-06 APG1J-07 APG1J-08 APG1S-09

Size: Joist Slot Size:

APG1J-01: 80mm APG1J-02: 65mm
 APG1J-03: 75mm APG1J-04: 65mm
 GAP1J-05: 65mm APG1J-06: 65mm
 APG1J-07: 65mm APG1J-08: 80mm
 APG1S-09: 80mm



Product G1-J SUPP-Series

MODEL	APG1J-10	APG1J-11	APG1J-12	APG1J-13	APG1J-14	APG1J-15	APG1J-16	APG1J-17
HEIGHT RANGE	40-60mm	68-140mm	148-220mm	35-60mm	70-140mm	150-220mm	15-50mm	78mm

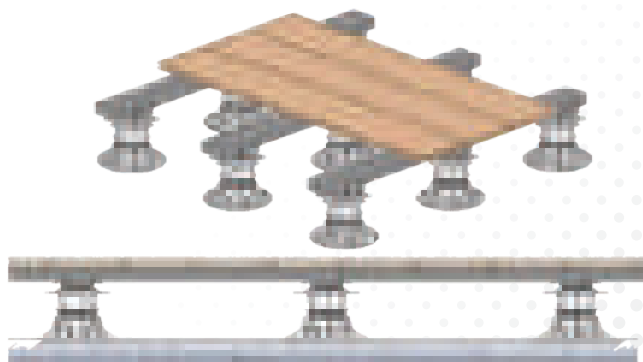
Tolerance $\pm 2\text{mm}$



APG1J-10 APG1J-11 APG1J-12 APG1J-13 APG1J-14 APG1J-15 APG1J-16 APG1J-17

Size: Joist Slot Size:

APG1J-10: 80mm APG1J-11: 65mm
 APG1J-12: 75mm APG1J-13: 65mm
 APG1J-14, APG1J-15: 40 - 60mm
 APG1J-16, APG1J-17: 40-50mm



Product APG1-J Series

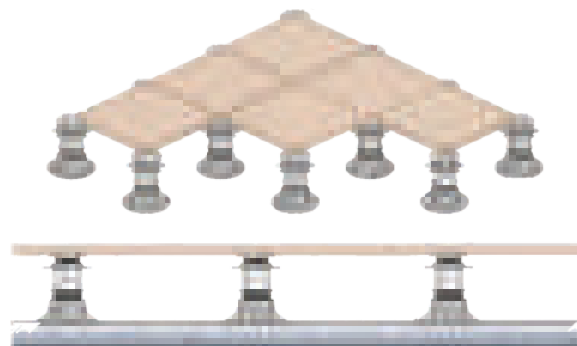
MODEL	APG3S-01	APG3S-02	APG3S-03	APG3S-04	APG3S-05	APG3S-06	APG3S-07
HEIGHT RANGE	36-46mm	50-65mm	50-80mm	80-90mm	80-108mm	80-135mm	154-255mm

Tolerance $\pm 2\text{mm}$



Spacer Block Size:

APG3S-01: 3mm APG3S-02: 3mm
 APG3S-03: 3mm APG3S-04: 3mm
 APG3S-05: 3mm APG3S-06: 3mm
 APG3S-07: 3mm



Product APG1-J SUPP-Series

MODEL	APG3J-01	APG3J-02	APG3J-03	APG3J-04	APG3J-05	APG3J-06	APG3J-07
HEIGHT RANGE	36-46mm	50-65mm	50-80mm	80-90mm	80-108mm	80-135mm	154-255mm

Tolerance $\pm 2\text{mm}$



Size: Joist Slot Size:

APG3J-01: 40mm APG3J-02: 40mm
 APG3J-03: 40mm APG3J-04: 40mm
 APG3J-05: 40mm APG3J-06: 40mm
 APG3J-07: 40mm





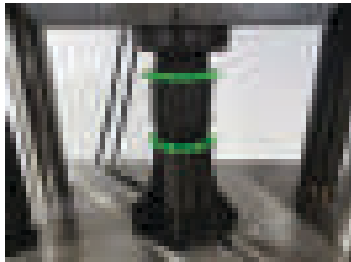
201221033R001 Testing Process



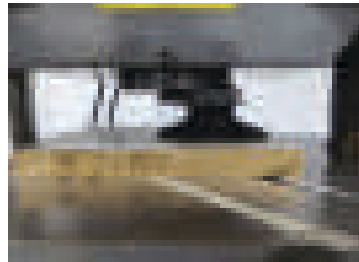
210315032R001 Testing Process



210315032R003 Testing Process



201221033R002 Testing Process



210315032R002 Testing Process



210617031R003 Testing Process

Adjustable Pedestal FAQ

Adjustable pedestal is a new kind of building material, its main material is engineering polypropylene: high strength, strong corrosion resistance, ageing resistance, weather resistance, environmental protection, height adjustment: 10-1125mm slope range 0-5 gradients.

Adjustable pedestal is widely used in the water fountain, the roof of the balcony garden, square paving in areas such as supporting overhead stone floors, wood and plastic anticorrosive wood keel, grille floor installation fast maintenance convenient, high bearing capacity, high beauty and accuracy, long service life.

Q: What makes the surface of the stone floor uniform after installation?

A: The separator block with the same thickness is used to separate the stone gap at the top of the support pedestal. The interval between the stones is specific according to the design needs. The thickness of the separator block normally is 3mm,5mm,8mm,10mm.

Q: Will inconsistent stone thickness lead to uneven floor surface after paving?

A: Non-slip gasket can be used to adjust the difference of stone thickness, can provide thickness 1mm or 2mm, can be placed directly on the top of the support, in addition, non-slip gasket can also avoid noise from the stone and support direct contact.

Q: What if I need a larger floor pressure surface?

A: For added stability, the brace can be used upside down.

Q: What kind of floor need our product?

A: All kinds of flooring, such as stone flooring, granite flooring, marble flooring, concrete flooring, hardwood flooring, laminate flooring, trellis flooring, tile flooring and square flooring.

Q: Does the support need to be assembled?

For YB-G1 and G3 series, the product will be assembled before packing. Customer only to adjust the height while using. YB-G2 Series each component is packed separately (in order to save space), But we could pack them according to your request.

Q: How to adjust the height of the support pedestal?

A: It is very convenient to adjust the height of the pedestal, adding one height extension component can increase the height of 80-120mm, in addition, in a small height range, only need to Rotate the thread, pedestal can fine tune the height, after adjusting to the required height to lock down the fastening ring, after locking the height of the pedestal will not change.

Q: If the ground has a slope, how do I adjust the pedestal to the slope of the ground?

A: Slope adjusting base can effectively solve the problem of ground slope. When using the Slope adjusting base, just place the Slope adjusting base directly at the bottom of the support and move the slope adjuster to adapt to the floor slope. The Slope adjusting base range are from 0 to 5 gradients.

Q: How to calculate the number of pavements on the support pedestal?

A: You can use the following formula (this formula is only applicable to stone with unilateral length less than 800mm)

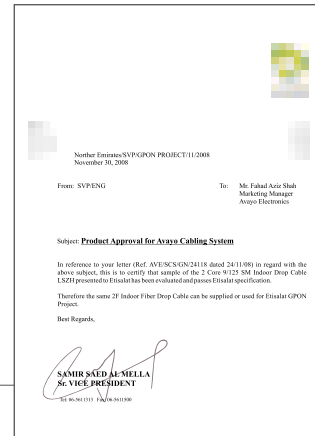
1. First use the total square meters of the site you want to pave to calculate how many pieces of stone, first count each stone with one support pedestal
2. Calculate how many stones you need according to the perimeter of the site you are paving, and then divide this number by 2
3. Add the two numbers in step 1 and step 2
4. Increase the total quantity in step 3 by 5%

If you don't know how to calculate, we are happy to calculate the quantity for you

Application Cases I

Application Cases II

Certificates and Approvals





AVAYO ELECTRONICS CANADA CORPORATION

▲ Ajman Free Zone, United Arab Emirates

Tel: 00971 6 740 7440, Fax: 00971 6 740 7441

sales@avayo.net

▲ Olaya, Riyadh - Saudi Arabia

Phone : +966 1 2171400, Fax: +966 1 2174849

www.avayo.net