

PORCELAIN PAVER

PAVER INSTALLATION INSTRUCTIONS

1. PORCELAIN PAVER ADVANTAGES



ANTISLIP

The structure and texture of the porcelain paver reduce the risk of slipperiness.



FADE RESISTANT

Nasco Pavers baked on graphics are created using ingredients that are completely unaffected by the sun ensuring enjoyment of your porcelain paving investment for many years to come.

EASY TO REPLACE AND REMOVE

When not mortared down or installed with adhesive Nasco Pavers can be easily removed and repositioned in a new area.



RESISTANT TO THERMAL SHOCK

Nasco porcelain pavers are baked at temperatures up to 2300 degrees F which in turn causes a very strong molecular bond making for a very dense material. Due to its density it become very inert allowing for extreme and sudden temperature changes in the range of - 60 F + 140 F.



STAIN RESISTANT

Nasco porcelain pavers are virtually non porous. Due to the baked on glazing process nothing can be absorbed including stains.

EASY TO KEEP CLEAN

Mild environmentally friendly detergents can be used when cleaning your porcelain pavers. Pressure washers up to 1500 PSI may be used with out fear of etching or striping.



ECO-FRIENDLY

Nasco porcelain pavers are produced in our environmentally friend complex following the strictest state and federal regulations. Because of Nasco's environment friendly commitment, we can incorporate up to 20% recycled content in our usa made porcelain pavers.





RESISTANT TO MOSS AND MOLDING

Nasco Pavers are so dense that mold and mildew are not able to establish themselves in a permanent way making removal very easy and simple.

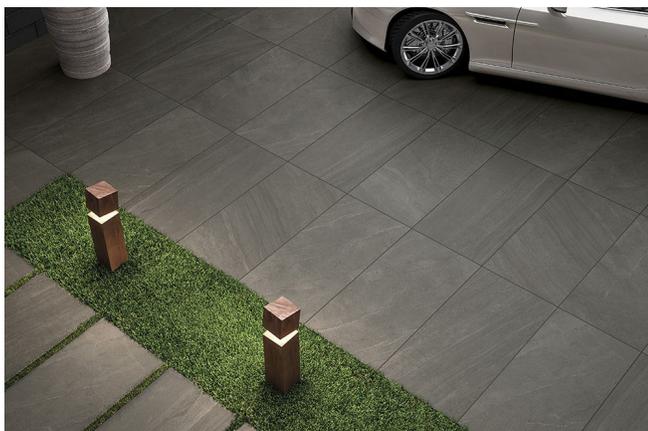
NO SEALING NEEDED

No sealers are needed because Nasco Pavers is so dense virtually nothing can stick to it!



SCRATCH RESISTANT

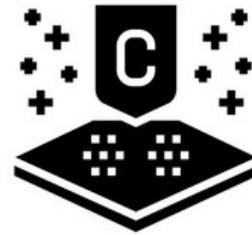
Nasco porcelain pavers are extremely hard with an equally hard surface making them virtually scratch proof.



DRIVE OVER*

When properly installed over concrete, Nasco porcelain pavers are suitable for light residential vehicular traffic.

(* When installed over reinforced concrete (4" minimum) using a thinset mortar suitable for porcelain paver.



RESISTANT TO ACID AND CHEMICALS

Nasco Pavers is made with inert ingredients that do not react or accept acids and or chemicals allowing you to make environmentally friendly cleaning decisions!

RESISTANT TO SALTS

Nasco porcelain pavers are completely unaffected by use of salts.

EASY TO INSTALL



FROST RESISTANT

Nasco porcelain pavers are so dense that frost and or freezing temperatures do not affect it.



2. INSTALLATION OPTIONS



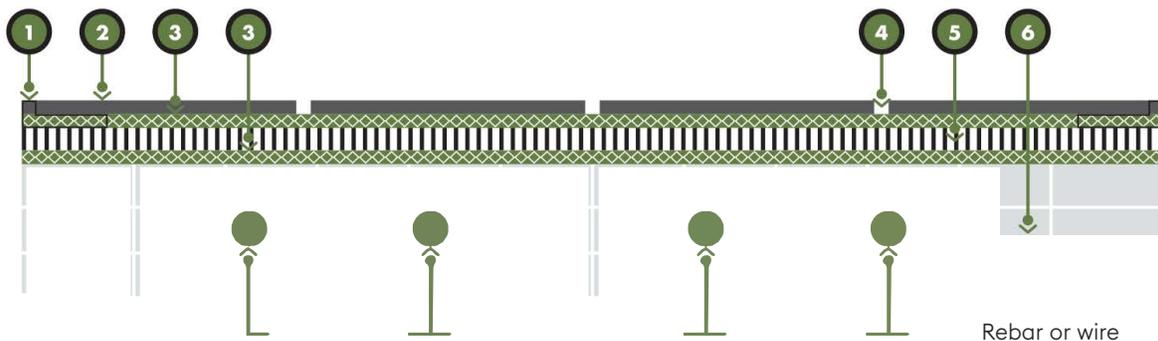
2.1 THIN SET MORTAR APPLICATION OVER REINFORCED CONCRETE

PRACTICAL INSTALLATION

Follow the drawing below.

- Insure that pavement is constructed with approximately 2 degree slope and that it is sloped away from any building.
- Please consult your paver supply distributor for thin set mortar suitable for porcelain paver as well as for inside or external usage.
- For cementitious adhesive and grout installation, refer to the manufacturer's technical instructions and specifically as they relate to outdoor installations.
- For concrete foundation slabs that are not large enough to require contraction/control joints, a minimum $3/16$ " (4 mm) grout joint is acceptable, but for larger concrete foundation slabs that do require contraction/control joints, the control joint width should be a $3/8$ " (1 cm).
It is absolutely imperative that all contraction/control joints be located in the joint line of installed porcelain pavers and not beneath a paver.

CAUTION: if a porcelain paver is installed over a control joint, the paver will reflectively crack along the contraction/control joint beneath it. Utilization of an uncoupling membrane can help minimize the potential issue.



1. Edge restraint trim piece.
2. Nasco Pavers $3/4$ ' nominal (20 mm) pavers.
3. Thinset.
4. $3/16$ " minimum grout joint.
5. Uncoupling membrane.
6. Existing or new concrete (reinforced). 4" minimum.

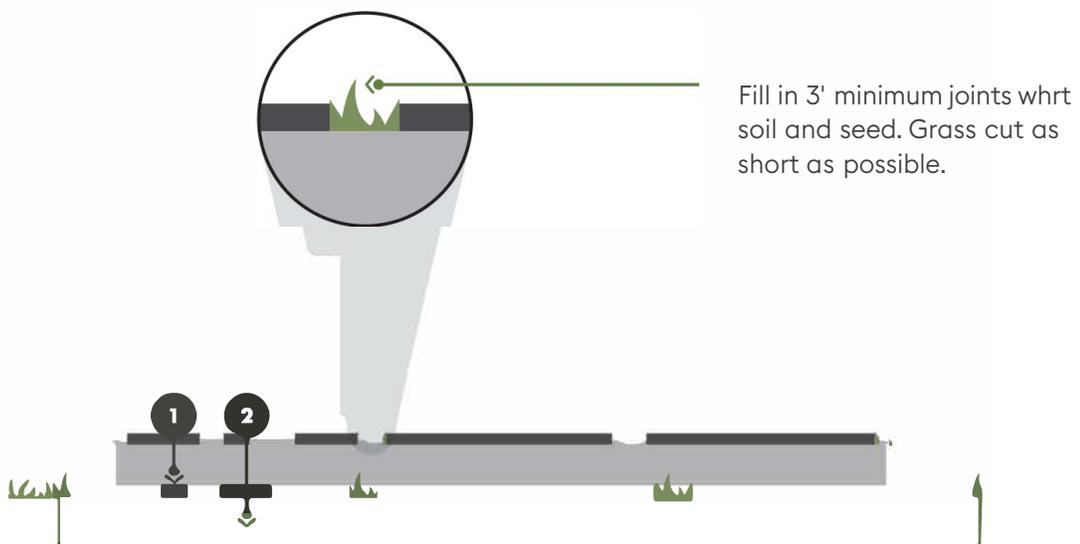


2.2 DRY LAY OVER GRASS (PEDESTRIAN FOOT TRAFFIC)

PRACTICAL INSTALLATION

Follow the drawing below.

- Cut grass in desired area as short as possible. remove any debris.
- Using a landscape rake scratch up top 1 inch of soil and level.
- Insure sub grade is graded to a 1" in 10' slope and that it is pitched away from any building.



1. Fronlier20 porcelain $\frac{3}{4}$ ' nominal (20 mm) pavers.
2. Bare soil is best. Scratch and layel with a rake.

2. INSTALLATION OPTIONS

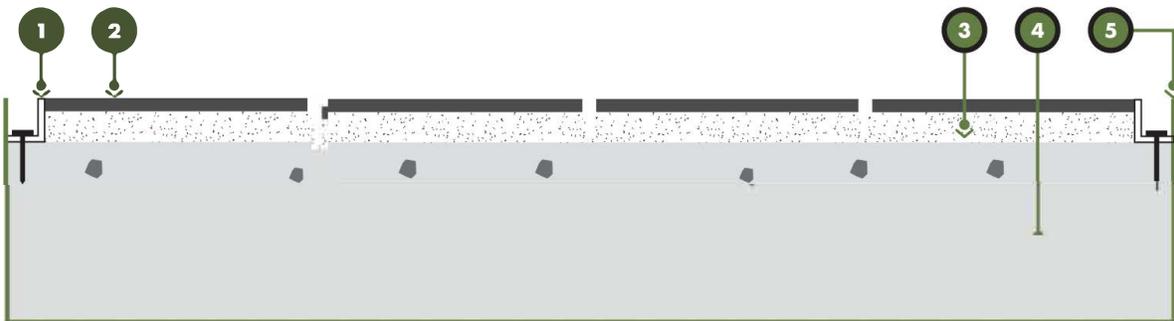
2.3 TYPICAL FLEXIBLE BASE INSTALLATION

(PEDESTRIAN FOOT TRAFFIC)

PRACTICAL INSTALLATION

Follow the drawing below.

- Base material is to be over dug 6" to 8" beyond the edge of the pavement.
- The required edge restraint system is a low profile edge restraint with a vertical height of 1.5" (4 cm) as shown in the drawing.
- Insure that pavement is constructed with a 1" in 10' slope that it is pitched away from any building.
- Insure the plastic $\frac{3}{16}$ " (4 mm) spacers are installed at all corners of the installed pavers, in order to prevent pavers from touching each other (and potentially chipping) and to allow better water drainage.



1. Paver edging.
2. Nasco Pavers $\frac{3}{4}$ ' nominal (20 mm) pavers.
3. $\frac{3}{4}$, uncompacted bedding sand.
4. 4-6' crusher run/road base.
5. Filter fabric.

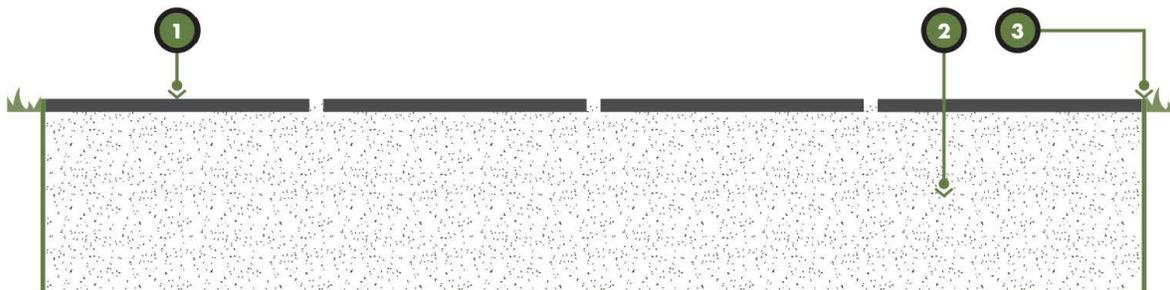
2.4 OVER SAND BASE INSTALLATION (PEDESTRIAN FOOT TRAFFIC)

PRACTICAL INSTALLATION

Follow the drawing below.

- Filter fabric is recommended as it allows water to pass but not the particles of sand.
- 2-4" of a compactable sand is recommended. You can go with more however it will not offer any distinct advantage. Going with less than 2" may offer a less desirable effect as it will tend to hold more water and become "mushy" when super saturated.
- The use of an edge restraint is ideal but not necessary. It becomes more necessary if your desired paving area is above the surrounding native soil, as it will help aid in the minimization of sand migration or erosion.

Insure the plastic 3/16" (4 mm) spacers are installed at all corners of the installed pavers, in order to prevent pavers from touching each other (and potentially chipping) and to allow better water drainage.



1. Nasco porcelain ¾' nominal (20 mm) pavers.
2. Approx. 4" of bedding sand.
3. Filler fabric.

2. INSTALLATION OPTIONS

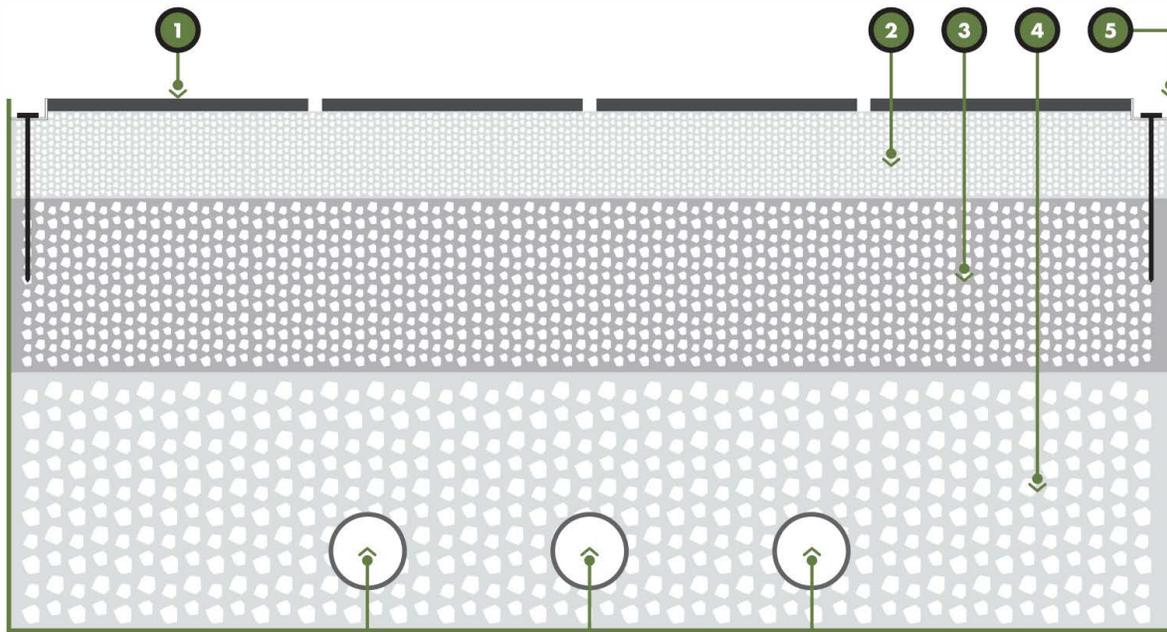
2.5 PERMEABLE APPLICATION

(PEDESTRIAN FOOT TRAFFIC)

PRACTICAL INSTALLATION

Follow the drawing below.

- The required edge restraint system for this installation has a vertical height of 2" (5cm) as shown in the drawing.
- Insure that pavement is constructed with a 1" in 10' and that it is pitched away from any building.
- Insure the $\frac{3}{16}$ " (4 mm) spacers are installed between all pavers, in order to prevent pavers from touching each other (and potentially chipping) and to allow better water drainage.



Additional drainage if desired.

1. Nasco porcelain $\frac{3}{4}$ ' nominal (20 mm) pavers.
2. Coarseness of gravel 2" - 8 s' and 9 s' ($\frac{1}{2}$ " +less).
3. Coarseness of gravel 4" - #57 ($\frac{3}{4}$ ").
4. Coarseness of gravel 6" - 3 s' - 4 s' if desired.
5. Filter fabric

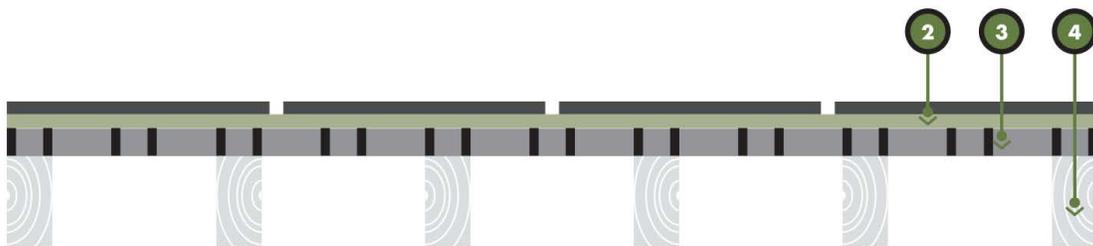


2.6 INSTALLATION OVER DECKING (PEDESTRIAN FOOT TRAFFIC)

PRACTICAL INSTALLATION

Follow the drawing below.

- Deck joists must be "sound" and in good condition as well as constructed in accordance with local codes.
- Deck joists must be spaced 16" on center.
- Top of joists must be flat to one another.
- Grates will span 2 joists and be fastened using weather proof screws.
- Stagger grates $\frac{1}{3}$, $\frac{1}{4}$ or $\frac{3}{4}$ as shown.
- Outdoor fabrics varies in thickness. Multiple layers may be needed to reduce acoustics.
- The use of porcelain paver spacers are recommended. 1/8 inch joints are the minimum recommendation.
- Silicon or a neutral colored adhesive may be applied to spacers to help reduce porcelain paver movement.
- Porcelain paver joints may be filled or left open, depending on desired drainage.
- Insure the 3/16," (4 mm) spacers are installed between all pavers, in order to prevent pavers from touching each other (and potentially chipping) and to allow better water drainage.



1. Nasco Pavers $\frac{3}{4}$ ' nominal (20 mm) pavers.
2. Outdoor fabrics or sound insulating matting
3. Grate.
4. Deck joists

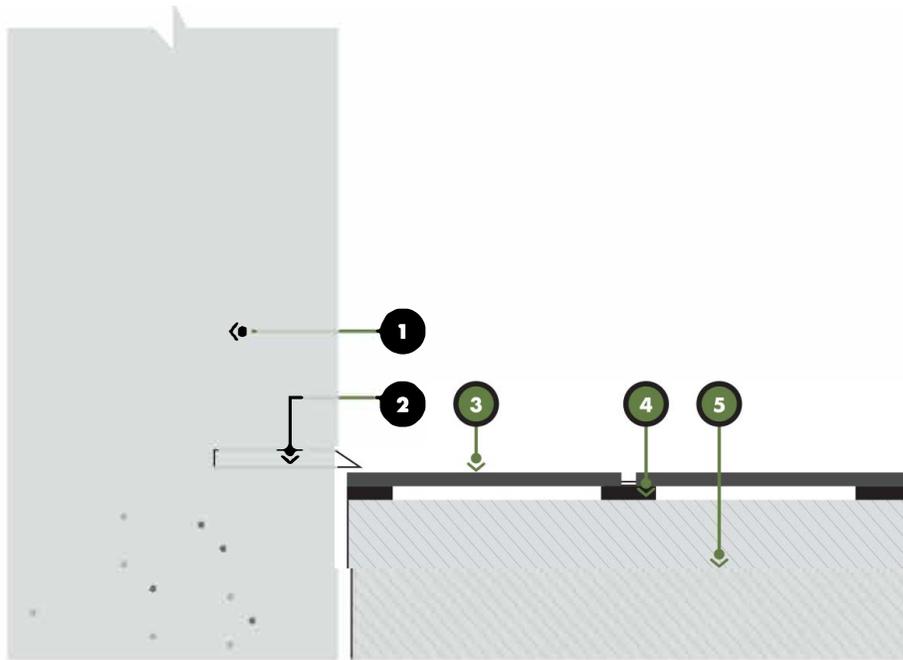
2. INSTALLATION OPTIONS

2.7 LOW HEIGHT SUPPORTS (UP TO ¾" - 20 MM) PEDESTAL INSTALLATION OVER EXISTING SUBSTRATE* (PEDESTRIAN FOOT TRAFFIC)

PRACTICAL INSTALLATION

Follow the drawing below.

- Ensure concrete slab is in stable condition and has a 1" in 10' slope to divert water away from structure.
- Ensure spacer tabs are intact in the corners where the porcelain pavers might come to contact.



1. House or structure.
2. Threshold for door.
3. Nasco porcelain ¾' nominal (20 mm) pavers.
4. Pedestal.
5. Existing slab or substraight.

WARNING

- OUTDOOR PAVINGS INSTALLED UNGLUED ABOVE THE GROUND LEVEL ARE SUBJECT TO THE ACTION OF THE WIND, WITH THE RISK, IN SOME CASES, OF BECOMING AIRBORNE. THE MANUFACTURER RECOMMENDS TO REQUIRE THE ASSISTANCE OF A QUALIFIED PROFESSIONAL IN ORDER TO CHECK THE SUITABILITY OF THE INSTALLATION SYSTEM ABOVE THE GROUND ADOPTED, IN ACCORDANCE WITH THE LOCAL LAWS AND REGULATIONS AND THE CONDITIONS OF USE. FAILURE TO DO SO COULD RESULT IN SERIOUS INJURY OR PROPERTY DAMAGE.
- A CERAMIC SLAB INSTALLED ON A RAISED PEDESTAL SYSTEM MAY FRACTURE ON IMPACT IF A HEAVY OBJECT IS DROPPED ONTO IT FROM A HEIGHT, WITH A RISK OF INJURY TO ANYONE STANDING OR WALKING ON SUCH SLAB. FAILURE TO ADHERE TO THE MANUFACTURER'S INSTRUCTIONS FOR INSTALLATION OF SLABS ON RAISED PEDESTAL SYSTEMS MAY RESULT IN SERIOUS INJURY.

NOTE

IF THE APPLICATION OF THE 20 MM (3/4") SLABS FORESEES THE CERAMIC PRODUCT USED IN STRUCTURAL INSTALLATIONS, THE PROJECT ENGINEER AND/OR CUSTOMER MUST CAREFULLY ASSESS THE PROJECT REQUIREMENTS WITH REGARD TO THE TECHNICAL SPECIFICATIONS OF THE SLABS.

TO PREVENT THE RISK OF DAMAGE OR INJURY, THE MANUFACTURER RECOMMENDS:

- WITH REGARD TO A RAISED FLOOR INSTALLATION A CERAMIC SLAB MAY FRACTURE ON IMPACT IF A HEAVY OBJECT FALLS ON IT FROM ANY SIGNIFICANT HEIGHT. THEREFORE THE MANUFACTURER RECOMMENDS TO CHECK THE SPECIFIC INTENDED USE BEFORE STARTING THE INSTALLATION AND TO FOLLOW TABLE FOR RAISED INSTALLATION PROVIDED BELOW. IN CERTAIN CONDITIONS, REINFORCING MUST BE APPLIED ON THE BACK OF THE SLABS (MESH PLUS OR GALVANIZED STEEL SHEED SUPPLIED AND APPLIED BY THE MANUFACTURER;
- WITH REFERENCE TO ANY DRY INSTALLATION SYSTEM OF FLOORING ABOVE THE GROUND LEVEL, THE MANUFACTURER RECOMMENDS TO COMPLY WITH LOCAL REGULATIONS AND CONDITIONS OF USE WITH REGARD TO WIND-LOAD, LOADBEARING, SEISMIC EVENTS, ETC.
FAILURE TO COMPLY WITH THESE RECOMMENDATIONS MAY LEAD TO IMPROPER USE OF THE PRODUCT AND COULD CAUSE SERIOUS DAMAGE OR INJURY.



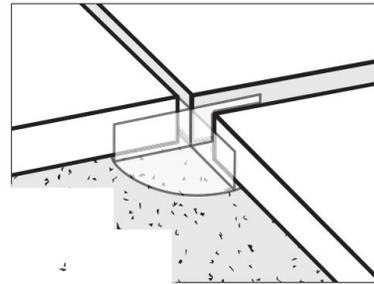
3. INSTALLATION TOOLS AND INFORMATION

INSTALLATION INFORMATION AND RECOMMENDATIONS

Specific details and instructions are given for each of the following installation options. Different climates and geographical locations will affect the thickness of the base. Depending on the location, contractors will install the standard base thickness to install porcelain pavers for the needs of the area. When installing porcelain pavers, the bedding course sand must be pre-compacted and then struck off with a screed to the required thickness as shown in the drawings. Before the laying of the porcelain pavers, the sand layer underneath must be pre-compacted. The sand layer needs a 5 to 6% moisture content to insure a smooth strike off finish.

Compacting dry sand will not give the desired results.

- Only use a paver saw with a wet cut porcelain blade to wet cut porcelain pavers.
- Before installing your porcelain pavers in sand set installations, pre-compact and strike off your sand leveling course.
- Plastic $\frac{3}{16}$ " (4mm) spacers must always be used to install pavers on sand set and permeable installations. The photo on the right illustrates the use of the $\frac{3}{16}$ " spacer to support and space the 4 paver corners.
- Never install pavers with porcelain to porcelain contact.
- The use of plate compactors is not recommended to be used on the porcelain pavers.



JOINT FILLING

When installing porcelain paver on sand set base, fill the $\frac{3}{16}$ " (4mm) paver joints with these options:

Traditional sand

Fill the open joints with traditional dry sand until completely filled. Sweep any excess sand off the pavers. Refilling of the joints with sand may be needed in the future due to wind and rain erosion.

Polymeric sand

Polymeric sand is a blend of polymers which harden when subjected to moisture. Sweep the sand into the open joints until completely filled. All excess sand and dust must be swept from the surface. Use a blower for the final dust removal to make certain all excess sand is removed. Any residual sand or dust can result in staining of the surface.

Once the filling of the joints and the cleaning of the surface is complete, mist the pavement with water which activates the polymer and cures the mixture.

IMPORTANT NOTE: LEGAL DISCLAIMER

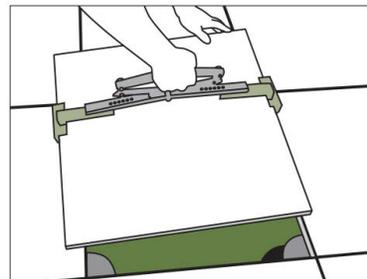
The nominal measurements include 4 mm for product spacers which are sold separately. Although extreme care has been taken to ensure the accuracy of all measurements set forth herein, manufacturer assumes no liability relating thereto.



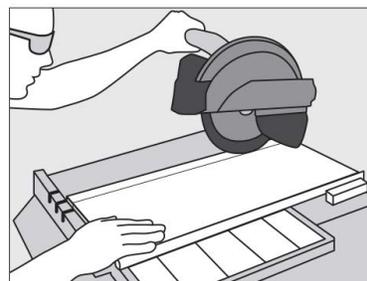
HANDLING AND SPECIALTY TOOLS

Porcelain paver pallets are shipped with a very strong plastic covering and the individual units are packaged in protective cardboard boxes. The protective cardboard boxes guard them from the possibility of chipping.

The handling of multiple loose stones can result in damaging or chipping of the pavers. Protect any un-used boxed pavers from the elements once the plastic shipping cover is removed. This insures the integrity of the protective cardboard boxes.



Wet cut paver saw is used to cut paver accurately and cleanly to fit around edges and comers. The saw must be equipped with a diamond blade manufactured for wet cutting porcelain and designed to safely cut a 24" (60 cm) length porcelain paver. A paver clamp to easily handle the installation and removal of pavers. Gloves are highly recommended while handling and installing porcelain slabs to protect the hands from injury. Notched trowels and grout float tools for cementitious adhesive and grout Installation. Follow the adhesive and grout manufacturer's recommendations to select the appropriate tools needed for application.



IMPORTANT NOTES:

1. Use the manufacturer's instructions when choosing polymeric sand for your project.
2. The use of cement blended sand and polymeric sand can reduce plant growth and insect infiltration within the joint infill material.
3. Whether using traditional sand or a cemented blended sand, ensure the gradation if the sand is fine enough to pass through and fill the $\frac{3}{4}$ " (4mm) joints.

PROSUPPORT TUBE SYSTEM



PROSUPPORT TUBE SYSTEM
PRORAIL SYSTEM
PROSUPPORT SLIM SYSTEM

PRODUCTS FOR LAYING



N A S C O

PROSUPPORT TUBE SYSTEM

SELF-LEVELLING/ FIXED HEAD MODEL

Base + Screw + Pipe + Universal head

PROSUPPORT TUBE SYSTEM is an adjustable and modular supports system for outdoor floating floors from the height of 29 mm to 1000 mm (1-1/8" to 39-3/8"). The system is composed of 1 base, 1 screws, 1 extension flange, 1 head and several PE/PPP pipes to obtain the requested height. Universal Heads can be used fix or self-levelling mode.



STANDARD HEIGHTS EXAMPLES

BASE KIT	HEAD	FLANGE	PIPE	(H MM)			
				MIN/MAX SELF LEVELING HEAD MODE	MIN/MAX FIXED HEAD MODE		
(PSTK 0202 + PSTH 04 / 02)				34/54mm	1-11/32" ÷ 2-1/8"	29/49mm	1-1/8" ÷ 1 15/16"
(PSTK 0204 + PSTH 04 / 02)				54/74mm	2-1/8" ÷ 2-7/8"	49/69mm	1-15/16" ÷ 2-23/32"
(PSTK 0202 + PSTH 04 / 02 + PSTGH 02 + PSTT 35)				74/94mm	2-29/32" ÷ 3-11/16"	69/89mm	2-5/8" ÷ 3-7/16"
(PSTK 0202 + PSTH 04 / 02 + PSTGH 02 + PSTT 55)				94/114mm	3-11/16" ÷ 4-1/2"	89/109mm	3-7/16" ÷ 4-7/32"
(PSTK 0202 + PSTH 04 / 02 + PSTGH 02 + PSTT 75)				114/134mm	4-1/2" ÷ 5-1/4"	109/129mm	4-3/16" ÷ 5'
(PSTK 0202 + PSTH 04 / 02 + PSTGH 02 + PSTT 95)				134/154mm	5-9/32" ÷ 6-1/16"	129/149mm	5' ÷ 5-25/32"
(PSTK 0202 + PSTH 04 / 02 + PSTGH 02 + PSTT 115)				154/174mm	6-1/16" ÷ 6-13/16"	149/169mm	5-3/4" ÷ 6-9/16"
(PSTK 0202 + PSTH 04 / 02 + PSTGH 02 + PSTT 135)				174/194mm	6-27/32" ÷ 7-5/8"	169/189mm	6-9/16" ÷ 7-3/8"
(PSTK 0202 + PSTH 04 / 02 + PSTGH 02 + PSTT 155)				194/214mm	7-5/8" ÷ 8-7/16"	189/209mm	7-3/8" ÷ 8-5/32"



BASE KIT (Universal base + screw), polypropylene
pack. 40 pcs. (PSTK 0202) - pack. 20 pcs. (PSTK 0204)

Article	th. (mm/in)	Kit / pack.	\$/Pc
PSTK 0202	2 - 3/32"	40	3.90
PSTK 0204	4 - 5/32"	20	4.28

UNIVERSAL HEAD with removable spacing flaps 2/4 mm, polypropylene pack. 40 pcs.

Article	Flap th. (mm/in)	Pcs./pack.	\$/Pc
PSTH 02	2 - 3/32"	40	1.20
PSTH 04	4 - 5/32"	40	1.35



RECOMANDED ANTI-NOISE AND ANTI-SLIP DISK, rubber
H 1,5 mm - Ø 150 - pack. 120 pcs.

Article	H - Ø mm/in	Pcs./pack.	\$/Pc
PSTG	H 1,5 - Ø 150 H 1/16" Ø 5-29/32"	120	1.28

The non-slip rubber disk to be used with the heads of PROSUPPORT TUBE SYSTEM reduces the slippage and noises up to 25 dB.



EXTENSION FLANGE 40 mm, polypropylene
polypropylene - pack. 40 pcs.

Article	H mm/in	Pcs./pack.	\$/Pc
PSTGH 02	40 - 1 9/16"	40	2.10

Extension Flange allows to connect an extension pipe to the threaded screw in order to reach desired heights.



SELF-LEVELLING HEAD MODE

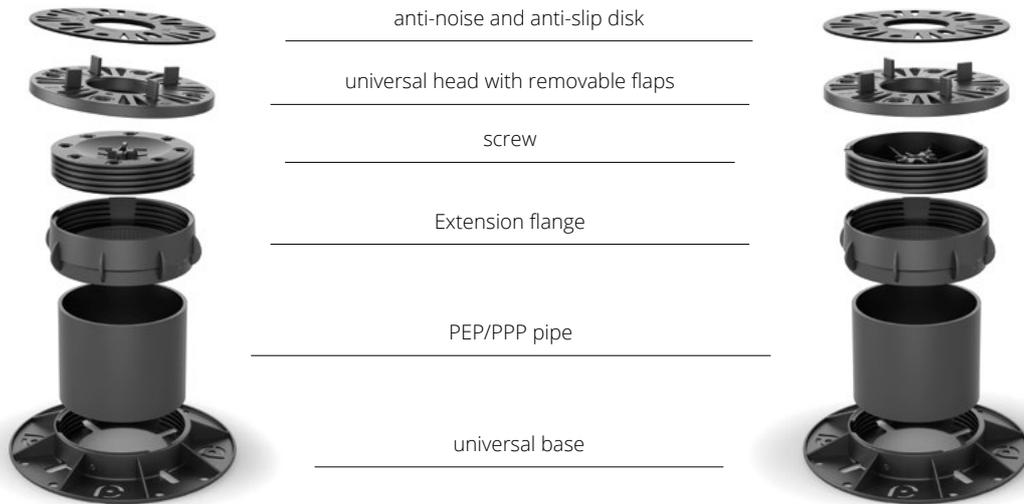


Self-levelling head mode
Max height 1000 mm with max slope of 5%.

FIXED HEAD MODE



Fixed head mode
Max height 1000 mm



UPON REQUEST IT IS POSSIBLE TO HAVE HEIGHTS TILL 1000 mm - 39 3/8" USING PIPES FROM 155 mm - 6-3/32" TILL 955 mm - 37 5/8".
For information and installation instructions ask for the technical data sheet. Price to be agreed. Production delay 4/5 weeks.

EXTENSION PIPE
OUTER DIAMETER Ø110 mm - 4-11/32" - THICKNESS 4 mm
polyethylene or polypropylene - pack. 40 pcs.

Article	H mm/in	Pcs./pack.	\$/Pc.
PSTT 35	35 - 1-3/8"	40	0.60
PSTT 55	55 - 2-3/16"	40	1.20
PSTT 75	75 - 3"	40	1.65
PSTT 95	95 - 3-3/4"	40	2.10
PSTT 115	115 - 4-19/16"	40	3.90
PSTT 135	135 - 5-5/16"	40	4.20
PSTT 155	155 - 6-1/8"	40	4.43



Heights from 29 to 49 mm (1-1/8" to 1-7/8")

- 1) Select the base kit PSTK 0202
- 2) Select the part no. of the needed head (PSTH 04 or PSTH 02).

Heights from 49 to 74 mm (1-7/8" to 2-7/8")

- 1) Select the base kit PSTK 0204
- 2) Select the part no. of the needed head (PSTH 02).

For heights from 74 till 155 mm (2-7/8" to 6-1/8")

- 1) Select the base kit PSTK 0202.
- 2) Select the part no. of the requested head. (PSTH 04 or PSTH 02).
- 3) Select the pipe of the requested height (PSTT 35/55/75/95/115/135/155).
- 4) Use the connection nut PSTGH 02.

FULL LENGTH EXTENSION PIPE OUTER DIAMETER Ø110 mm - 4-11/32" - THICKNESS 4 mm - polyethylene or polypropylene - Pallet 43 pcs

Article	H Lm/in	Lm-in/pallet	\$/Pc.
PSTT 2700	2,7 - 106 19/64"	116 - 380' - 6 9/10"	66.69



270 cm - 106 1/4" in



ADJUSTING KEY
(only for head PSTHG 04)

Article	\$/Pc.
PSTAK	19.93



FIXING CLIP FOR TILES
Pack. 40 set/pairs

Article	L x H mm/in	pairs/pack.	\$/set/pair
PSTWP	20 x 60 25/32" x 2 3/8"	40	7.20



ADJUSTABLE SPACER TABS 4 MM
polypropylene - Pack. 80 pcs

Article	L x H mm/in	Pcs./pack.	\$/Pc.
PSTJ	80 x 20 3-5/32" x 25/32"	80	1.08

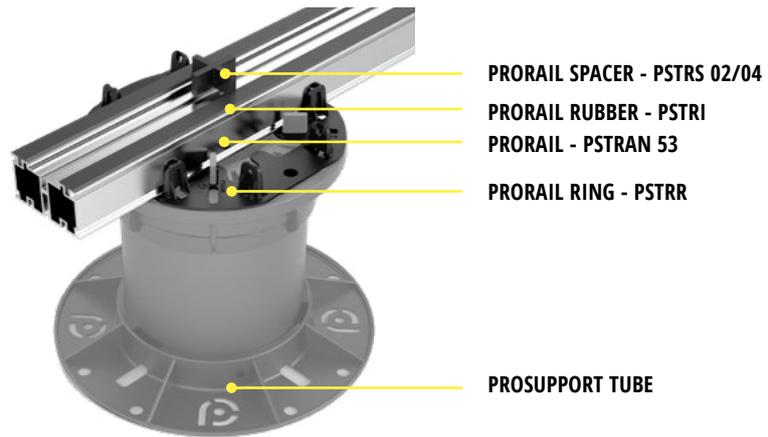


PERIMETER SPACER - Pack. 40 Pcs.

Article	\$/Pc.
DPP	3.64

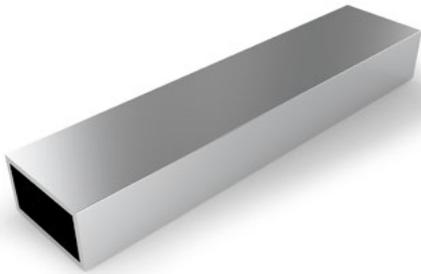
PRORAIL SYSTEM

PRORAIL SYSTEM SYSTEM is a modular system composed of aluminium joists to lay floating floors of any size, to create steady and modular substructures together with **PROSUPPORT TUBE** and **PROSUPPORT SLIM**. The system consists of two aluminium joists, **PRORAIL** and **PRORAIL RET**, one fastening ring **PRORAIL RING**, two cross spacers with removable flaps **PRORAIL SPACER** and one anti-noise and anti-slip rubber **PRORAIL RUBBER**.



PRORAIL - SHAPED JOIST - in aluminium
Pack. 10 Pc. - Bar lenght 2,70 Lm - 8' 10-1/4" (feet)

Article	L x H (mm/in)	Pc. / Pack.	\$/Pc.
PSTRAN 53	50 x 30 mm - 1 31/32" x 1 3/16" in	10	45.36



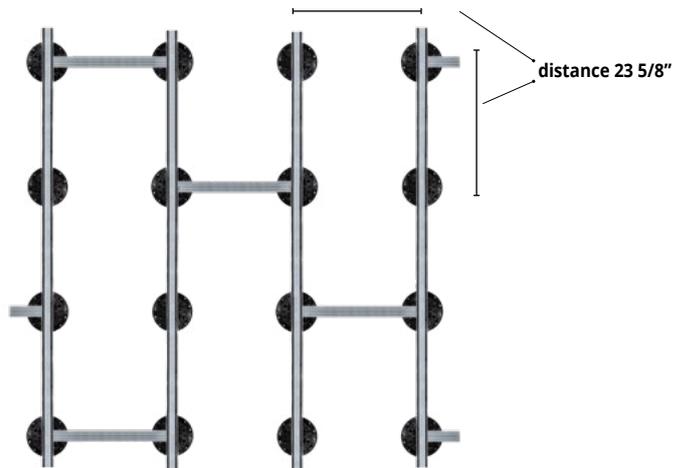
PRORAIL RET - SMOOTH JOIST - in aluminium
Pack. 10 Pc. - Bar lenght 2,70 Lm - 8' 10-1/4" (feet)

Article	L x H (mm/in)	Pc. / Pack.	\$/Pc.
PSTRAN 5030	50 x 30 mm - 1 31/32" x 1 3/16" in	10	29.40

TECHINICAL LAYING INSTRUCTIONS

1. Select the support **PROSUPPORT TUBE** or **PROSUPPORT SLIM** of the required height;
 2. Set the fastening ring **PRORAIL RING** on the supports;
 3. Set the joist **PRORAIL (*)** or the joist **PRORAIL RET** on the ring;
 4. Insert the rubber **PRORAIL RUBBER** inside the grooves of the joist **PRORAIL**;
 5. Set the cross spacers **PRORAIL SPACER** following the laying pattern;
- (*) It is possible to fix the joist PRORAIL on the supports fixing it into the spacer flaps, see picture hereunder.

PRORAIL SYSTEM LAYING PATTERN



MATERIAL REQUIRED FOR 1 SQM OF THE BELOW PATTERN:

- 3 pcs PROSUPPORT TUBE/PROSUPPORT TUBE SLIM
- 3 pcs fastening rings PRORAIL RING
- 2.7 lm PRORAIL joist
- 4 lm PRORAIL RUBBER



PRORAIL SPACER
PSTRS 02

PRORAIL SPACER
PSTRS 04

PRORAIL RUBBER - rubber insert - roll lenght 110 Lm

Article	L roll Lm/	\$/Roll
PSTRI	110 Lm - 360 7/8" ft	298.85

PRORAIL RING - JOIST FASTENING RING polypropylene - Pack. 40 Pc

Article	Ø mm/in	Pc / Pack.	\$/Pc.
PSTRR	135 - 5 5/16"	40	1.08

PRORAIL SPACER - CROSS SPACER with removable polypropylene flaps - Pack. 100 Pc

Article	flap thickness (mm/in)	Pc / Pack.	\$/Pc.
PSTRS 02	2 - 3/32"	100	0.98
PSTRS 04	4 - 5/32"	100	1.08



PRORAIL SYSTEM

PRORAIL JOIST:
 Prosupport tube/slim + Prorail + Prorail spacer + Prorail rubber



PRORAIL SYSTEM

PRORAIL RING AND PRORAIL JOIST:
 Prosupport tube/slim + Prorail ring + Prorail + Prorail spacer + Prorail rubber



PRORAIL RET SYSTEM

PRORAIL RING AND PRORAIL RET:
 Prosupport tube/slim + Prorail ring + Prorail ret



PROSUPPORT SLIM SYSTEM

PROSUPPORT TUBE SLIM is a modular system designed to facilitate the installation of floating floors from 10mm (3/8") to 40mm (1-1/2") height, levellers of 2 mm thickness and anti -noise and anti slip disks. Thanks its modularity the system allows to cover heights starting 10mm (3/8") up to 40mm (1-1/2") with 2mm (3/32") using the levellers.



BASE WITH SPACING FLAPS
PSTSB 02 - 2 mm



BASE WITH SPACING FLAPS
PSTSB 04 - 4 mm



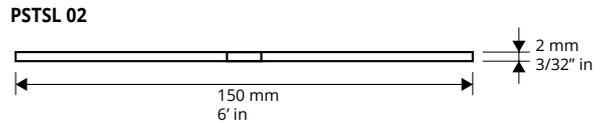
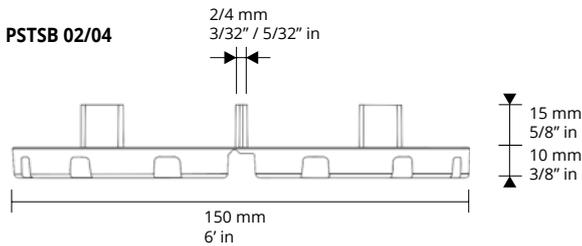
LEVELLER 2mm THICKNESS
PSTSL 02 - 2 mm

BASE WITH SPACING FLAPS in polypropylene - pack 120 Pc.

Article	Thickness flaps (mm/in)	Pc. / pack	\$/Pc.
PSTSB 02	2 - 3/32"	120	1.11
PSTSB 04	4 - 5/32"	120	1.17

LEVELLER in polystyrene or polypropylene - pack 120 Pc.

Article	Thickness (mm/in)	Pc. / pack	\$/Pc.
PSTSL 02	2 - 3/32"	120	0.98



TECHINCAL LAYING INSTRUCTIONS

1. Stack a combination of bases and levelers to reach desired height;
2. Stack up to 4 bases to reach maximum 40mm (1-1/2") height;
3. Finish the stack using the Anti-noise and anti slip rubber disk;



ANTI-NOISE DISK
PSTSG

ANTI-NOISE / ANTI-SLIP DISK rubber - pack 120 Pc.

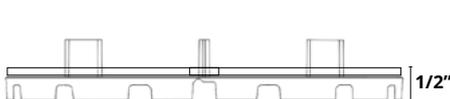
Article	H/Ø mm / in	Pc. / pack	\$/Pc.
PSTSG 02	H 1,5 - Ø 150 H 1/16" - Ø 6"	120	0.98

ADVANTAGES:

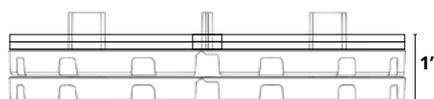
- Floating installation from 1 cm a 4 cm;
- Extreme strenght, stability and micro adjustment;
- Available PRORAIL RING allows very low thickness/flush joists structures;

LAYING EXAMPLE

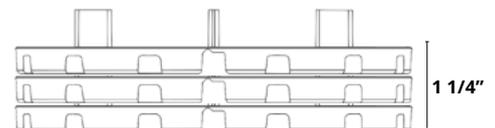
Example 1: 1/2"
final height mm
PSTB 04 + PSTSPL 02



Example 2:
final height 1"
2 x PSTB 04 + 2 x PSTSPL 02



Example 3:
final height 1 1/4"
3 x PSTB 04

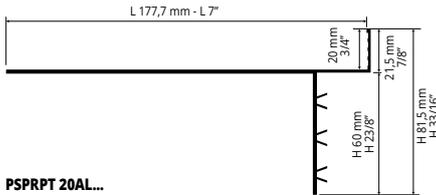


PROSUPPORT PROFILE

PROSUPPORT PROFILE T



Prosupport Profile T can be used with ceramic, wood composite material and natural stone coverings. Prosupport Profile T is a perimeter edge profile designed to protect and finish the outer edge of raised floors covering. Prosupport Profile T proprietary design allows to use the same material in the entire raised floor application for a visually pleasing and structurally sound installation. The vertical section of the profiles features specially designed fins that create a dovetail cladding system. This dovetail cladding system allows for the adhesive used to fix the covering to also mechanically bond to the profiles itself. The profile is provided with a decorative edge of 3/4" height to cover the exposed edge of the covering and is available in multiple colors and finishes.



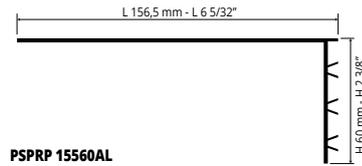
PSPRPT 20AL...



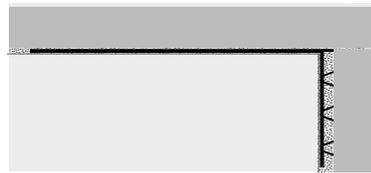
PROSUPPORT PROFILE N



Prosupport Profile N can be used with ceramic, wood composite material and natural stone coverings. Prosupport Profile N is a perimeter edge profile designed to protect and finish the outer edge of raised floors covering. Prosupport Profile N proprietary design allows to use the same material in the entire raised floor application for a visually pleasing and structurally sound installation. The vertical section of the profiles features specially designed fins that create a dovetail cladding system. This dovetail cladding system allows for the adhesive used to fix the covering to also mechanically bond to the profiles itself. Prosupport Profile N completely visually eliminates the impact of a metal edge trim profile by using the covering itself to finish the edge.



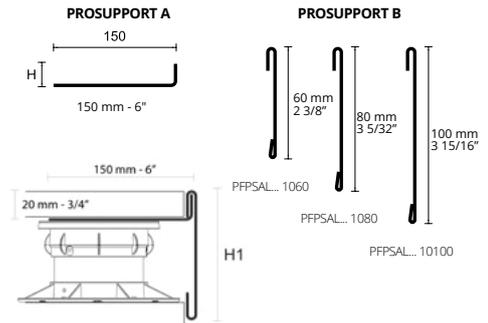
PSPRP 15560AL



PROSUPPORT PROFILE A/B



Prosupport Profile A/B can be used with ceramic, wood, composite material and natural stone coverings. Prosupport Profile A/B is a perimeter edge profile designed to protect and finish the outer edge of raised floors covering. The PROSUPPORT PROFILE A/B consists of 2 pieces Prosupport Profile A and Prosupport Profile B. Prosupport Profile A is an "L"-shaped horizontal flat base that is installed in between the PROSUPPORT head and surface covering. Prosupport Profile B is a visible finishing trim that attaches to the vertical L portion of Prosupport A. As indicated in below Prosupport A and B are available in multiple sizes and Prosupport B is available in multiple colors and finishes.

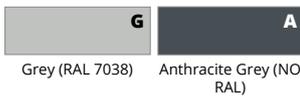


PROSUPPORT PROFILE T - Varnished aluminium

Bar length 2,7 Lm - 8' 10-1/4" (feet) - pack 20 Pc. - 54 Lm

Article	Lx H mm /in	h mm/in	\$/Pc.
PSPRPT 20AL...	177,7x81,5 7" x 3 3/16"	60 2 3/8"	102.78

COLOURS (EMBOSSSED)



ON DEMAND (EMBOSSSED)



PROSUPPORT PROFILE N - Natural aluminium

Bar length 2,7 Lm - 8' 10-1/4" (feet) - pack 20 Pc. - 54 Lm

Article	Lx H mm /in	h mm/in	\$/Pc.
PSPRP 15560AL	156,5 6 5/32"	60 2 3/8"	68.21



PROSUPPORT A - natural / varnished aluminium

Bar length 2,7 Lm - 8' 10-1/4" (feet) - pack 20Pc.

Article	Lx H mm	L x H in	\$/Pc.
BPPSAN 15015	150 x 15	6' X 19/32"	89.73
BPPSAN 15020	150 x 20	6' X 3/4"	94.02
BPPSAN 15025	150 x 25	6' X 1"	98.29

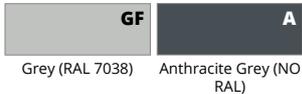


PROSUPPORT B - Top profile - varnished aluminium

Bar length 2,7 Lm

Article	H1 mm	H1 in	\$/Pc.
PFPSAL... 1060 (pack 20 pc.)	60	2 3/8"	66.38
PFPSAL... 1080 (pack 10 pc.)	80	3 5/32"	77.09
PFPSAL... 10100 (pack 10 pc.)	100	3 15/16"	86.74

COLOURS (EMBOSSSED)



ON DEMAND (EMBOSSSED)



