



ALUMINUM JOIST SYSTEM

Building stone decks and patios has never been so easy!

503-360-9551 | sales@hdgbuildingmaterials.com

Construct high-quality stone patios quickly and easily

Anyone who has ever build a traditional stone patio will know that this always takes a great deal of time and effort when done using conventional materials. Every single stone slab must be laboriously aligned in order to achieve a uniform overall finish. Even a tiny difference in the joint width or support height has an adverse effect on the appearance of the entire patio surface.

Eurotec's new stone system minimizes the effort required to construct a stone patio. You simply need a load-bearing subsurface, the HDG aluminum joist system and structural stone slabs, pavers, or board-decking as your finished deck surface.

In this completely new type of system, called "Stone-Clips" are used to lay the stone or porcelain slabs on a special aluminum substructure. The aluminum substructure lies either directly on the subsurface or on Buzon BC-Series adjustable pedestals. These adjustable-height screw-jack pedestals allow you to set up the entire substructure in an extremely time-saving and straightforward manner.



YOUR RESOURCE FOR DECKING,
PAVERS + PEDESTALS.

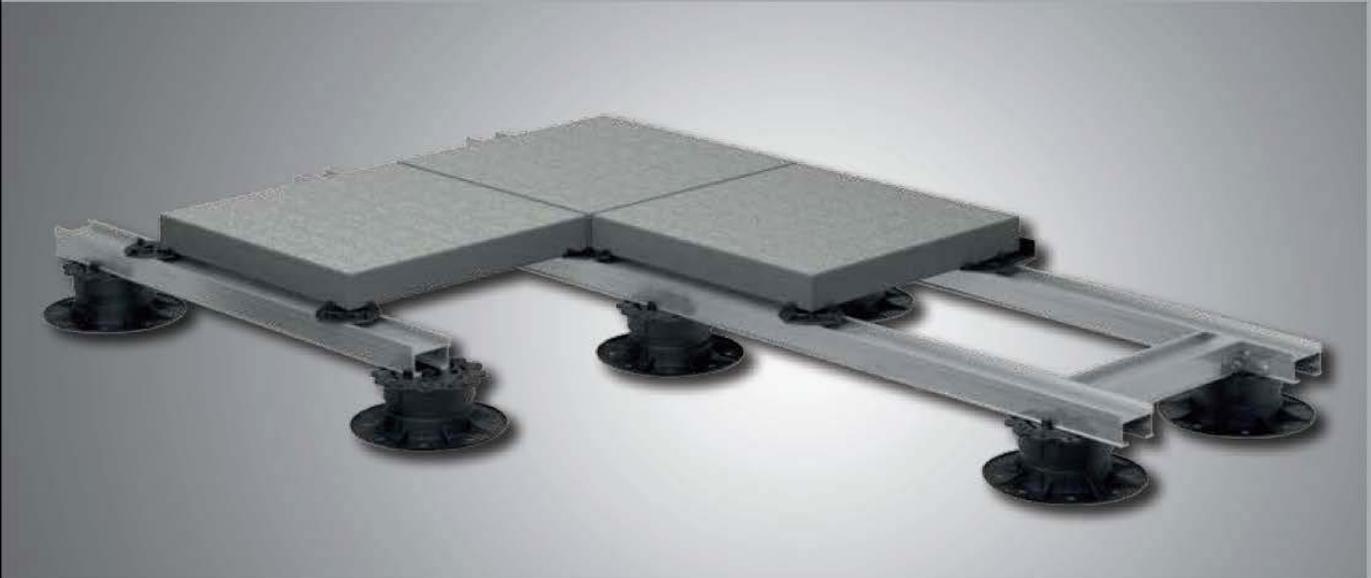
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NEW
to our product range





Advantages and properties

- Maximum efficiency
 - Cost savings in terms of planning thanks to grid-based/modular construction
 - Cost savings in terms of materials
 - Cost savings in terms of fabrication
- Time-saving and straightforward installation
- Customized surface design
 - Stone slabs can be combined with timber or WPC, for example
 - Compatible with visible and hidden deck-board fasteners
- Mortarless installation
 - Patio can be walked on immediately
- Precise joint pattern
- Durable
- Certified high load-bearing capacity
- Supply lines can easily be installed under the stone slabs, even after the patio is laid
- Maintenance work can be carried out easily at any time, for example on drainage shafts, supply lines or roofing (in the case of roof terraces)
- Lower unladen weight than conventional substructures
- The height of the adjustable feet can be varied; this system is therefore suitable for patios with a wide range of heights installed near to the ground



No need to align individual slabs



No need for laborious subsurface levelling

EVO aluminium system profile



Art. no.	Dimensions ^{a)} (mm)	Material	PU
975610	60 x 40 x 4000	Aluminium	1
a) Width x height x length			



EVO aluminium system-profile connector



Art. no.	Dimensions ^{a)} (mm)	Material	PU
975611	50 x 24 x 200	Aluminium	1
a) Width x height x length			

EVO corner connector



Art. no.	Dimensions ^{a)} (mm)	Material	PU
975612-10	40 x 25 x 40	Aluminium	10
975612-200	40 x 25 x 40	Aluminium	200
a) Width x height x length			

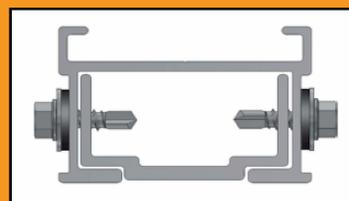
Patio structures must be secured with cross braces to prevent the substructure from creeping.

Cross bracing is provided by sections of the EVO aluminium system profile, which are to be fixed to the main beams using the EVO corner connectors.

We recommend placing a cross brace every 150 cm.



The profile butt joint is always to be positioned directly above a point of support.



Cross section of profile butt joint

Stone-Clip



Art. no.	PU
975602	200

Stone-Edge-Clip



Art. no.	PU
975603	50

To prevent individual stone slabs from slipping, the stone edge clips in the edge area must be screwed to the aluminium substructure. For this purpose, there is a screw channel in the middle of the clips.



For mounting stone slabs within paving.



For mounting stone slabs at the edges.



Aluminium profile drilling screw



Art. no.	Dimensions (mm)	Drive	PU
645026	4,2 x 35	TX15 ●	100



Note

If necessary, the individual stone clips in the paving can also be screwed to the aluminium substructure for fixation. For this purpose, there is a screw channel in the middle of the clips. We recommend using the aluminium profile drilling screw.



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Providing Architects and Builders with
Superior Paving, Decking and Pedestal Products.

Commercial | Luxury Residential | Municipal

Extended Team

We can also provide technical consultation and installation training for projects that involve Buzon Pedestals. Please contact us to discuss your particular needs. HDG Building Materials also has a network of experienced installers in many major cities. Please contact us for introductions or referrals.

Sales Representatives

Sales representatives for HDG Building Materials are located in the Pacific Northwest, Southern California, and Iowa.

Outside of those regions? No problem, we are happy to serve. Please contact us at 503.360.9551



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