

# FOUNDATION SOLUTIONS



suitable for



Neo



HighLine®



Panorama®



AvantGarde®  
AvantGarde®ECO



Europa



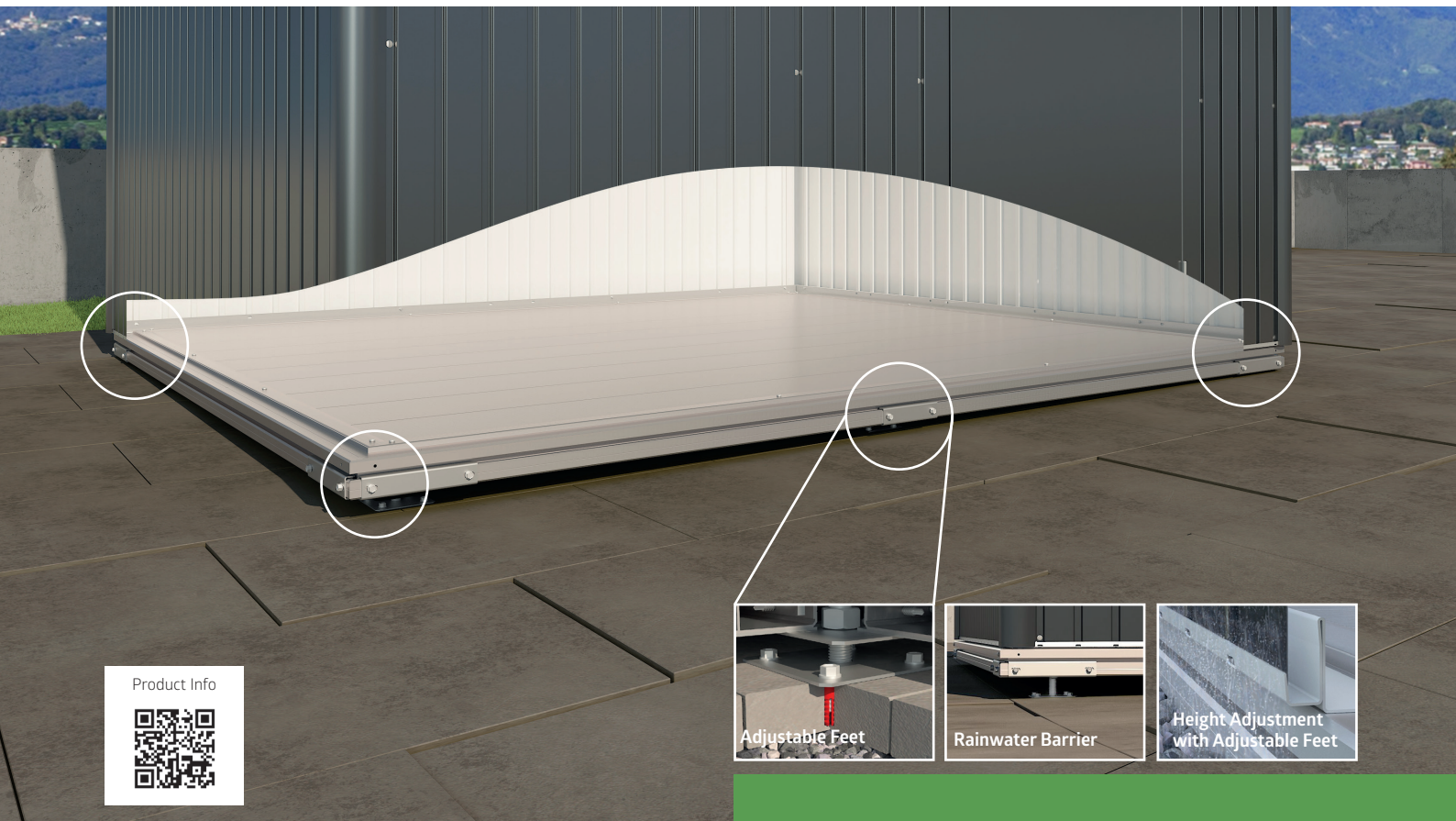
Geräteschrank



MiniGarage







## Advantages

- Compensation of unevenness through adjustable feet
- Easy to remove if necessary
- Precisely fitted to all Biohort garden sheds, the Equipment Locker and the MiniGarage
- Storm proof
- Load bearing capacity max. 200 kg/m<sup>2</sup>

## Standard Equipment:

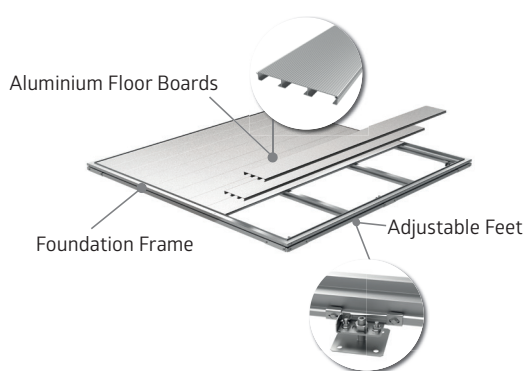
- Aluminium floor boards with grooved surface
- Specially designed foundation frame
- Galvanised adjustable feet
- Adjustable feet with height adjustment
- Integrated water barrier to protect against water ingress

**Floor frame and floor plates are no longer necessary!**

# SmartBase

## Perfect for Hard Surfaces

The Biohort SmartBase Foundation is the ideal foundation for concrete or paved areas. It consists of high-quality aluminium boards, a special foundation frame and height-adjustable feet. So light ground irregularities of up to 4 cm can be compensated.

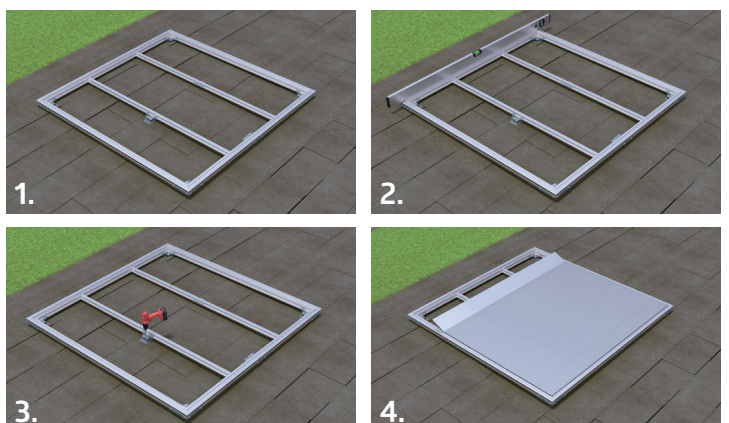


**Time of Assembly:** 1 - 2 hours for two (depending on workmanship and size)  
**Tools\*:** spirit level, hammer drill, drill bit Ø 9 mm, open-end spanner SW13 and SW24.

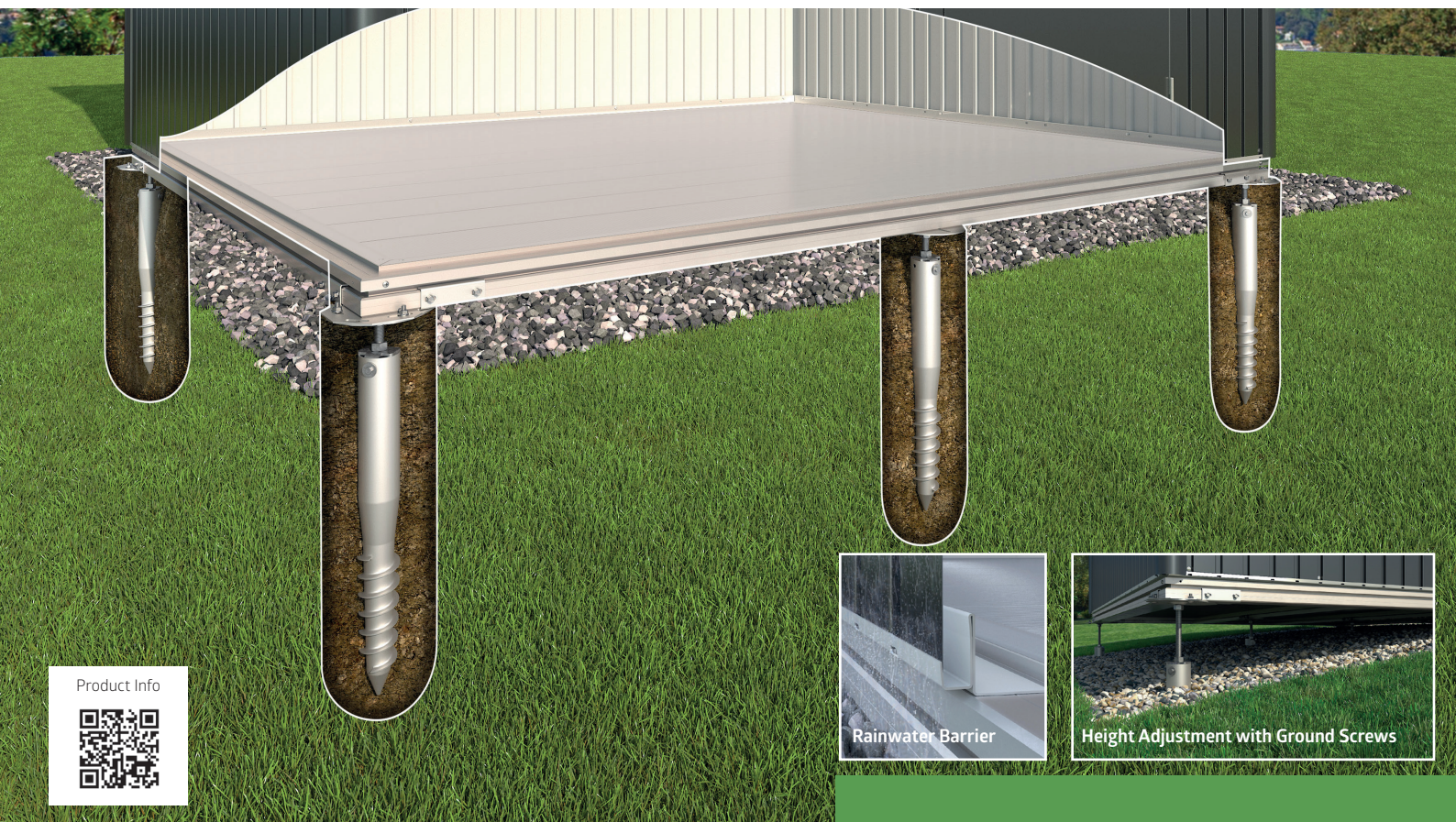
- 1. Assembly of the Frame:** Fasten corner brackets and lateral bracing on the joists and frames.
- 3. Fasten the Adjustable Feet:** Screw the adjustable feet to the surface.

- 2. Attach the Adjustable Feet:** Attach the adjustable feet and adapter plates to the frame. Use a spirit level to level the frame assembly.
- 4. Laying the Floor:** Insert and fix the aluminium floor boards.

\* not included in the delivery







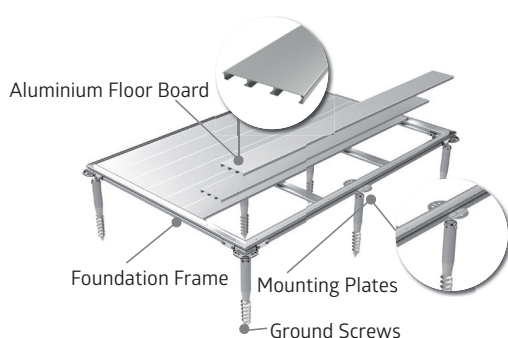
Product Info



# SmartBase<sup>PLUS</sup>

## Optimal Solution for Slope

Unlike the SmartBase foundation, the patented SmartBase<sup>PLUS</sup> system includes ground screws instead of adjustable feet. These are screwed directly into the ground and can compensate slopes of up to 15 cm. For this, the soil should be compact and free of large stones and roots.



**Time of Assembly:** 2 - 4 hours for two (depending on workmanship and size)

**Tools\*:** hammer drill, drill bit Ø 40 x 570 mm, spirit level, drill, open-end spanner SW13 and SW24, shovel.

**1. Prepare Assembly Site:** Remove earth with a spade to a depth of approx. 10 cm and mark the position of the ground screw holes.

**2. Screw in Ground Screws:** Pre-drill with a hammer drill and insert the ground screws with the tool provided.

**3. Attach the Mounting Plates:** Connect the mounting plates onto the ground screws and level with a spirit level.

**4., 5., 6. Attach the Frame and Aluminium Floor Panels:** Position the frame and joists and fasten them securely with the mounting hardware. Insert and fix the aluminium floor boards.

\* not included in the delivery

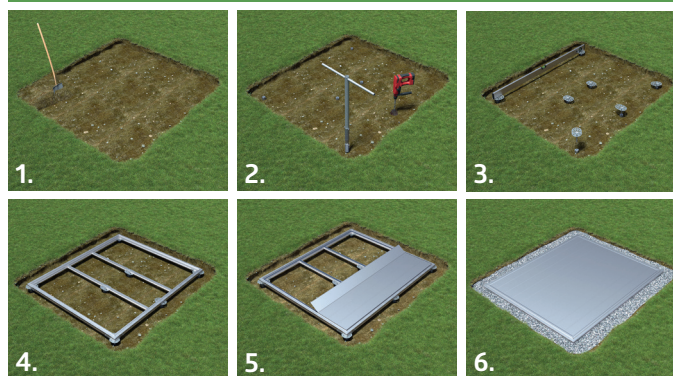
## Advantages

- Little excavation
- Gravel base is not necessary
- Compensation of unevenness through ground screws
- Easy to remove if necessary
- Precisely fitted to all Biohort tool sheds, the Equipment Locker and the MiniGarage
- Storm proof
- Load bearing capacity of max. 200 kg/m<sup>2</sup>

## Standard Equipment:

- Aluminium floor panels with grooved surface
- Specially designed foundation frame
- Galvanised ground screws
- Multi-adjustable mounting plates
- Including manual screw-in driver
- Integrated water barrier to protect against water ingress

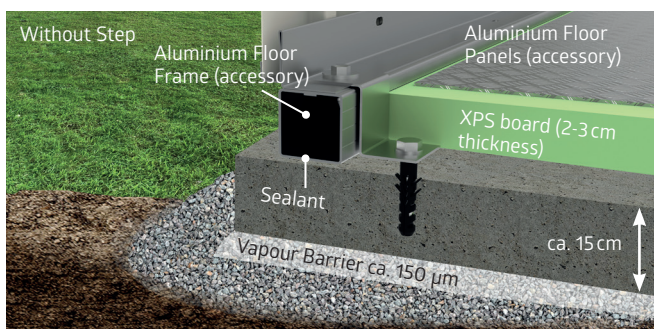
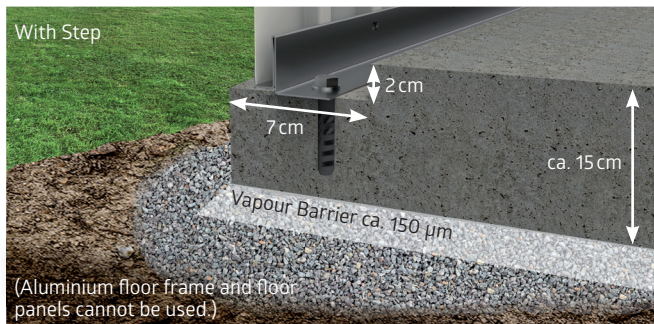
Floor frame and floor plates are no longer necessary!





# Alternative Foundation Solutions

More Information:  
[biohort.com/  
foundation](https://biohort.com/foundation)

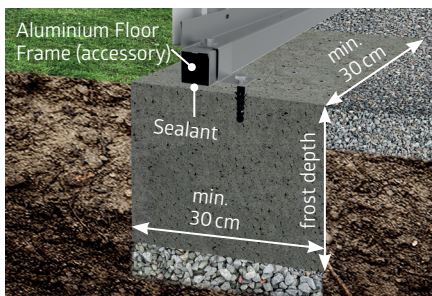


## Concrete Foundation

A reinforced concrete foundation slab on a gravel base is an optimal, but also expensive foundation. With this type of foundation you must also make sure that no water can penetrate into the shed at ground level. The stepped foundation slab with a circumferential step of 2 cm x 7 cm is an ideal design.

As an alternative to the stepped concrete foundation slab surface, a continuous flat concrete slab can also be poured. The available aluminium floor frame accessory makes it easier to level out any unevenness in the foundation and as well in fitting a sealing joint. The aluminium floor frame also allows the use of the aluminium floor panels, which can be underlaid with 2-3 cm thick XPS hard foam boards. The XPS hard foam boards not included in the delivery.

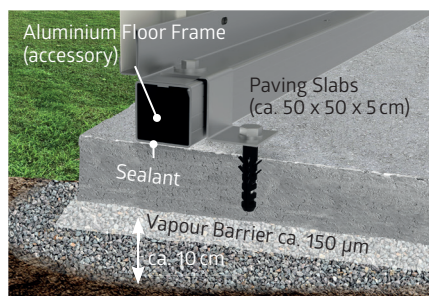
## Point Foundation



### Biohort Aluminium Floor Frame with a Point Foundation

Another possibility for installing level and storm proof Biohort garden sheds on very uneven and soft ground is a point foundation in combination with a Biohort floor frame. The foundation points are to be made at the specified locations with a minimum size of 30 x 30 cm. The excavation for the foundations must be sufficiently deep (frost-proof).

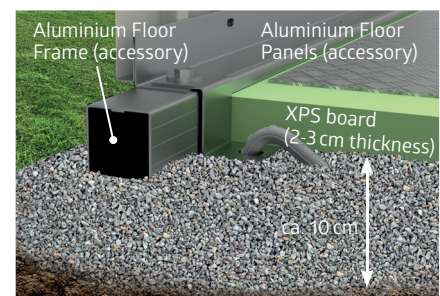
## Paving Slabs



### Aluminium Floor Frame on Paving Slabs

A good and inexpensive solution are paving slabs on a gravel base. These paving slabs are available from specialist dealers in various surfaces and colours. We strongly recommend the use of the aluminium floor frame.

## Floor Frame



### Biohort Aluminium Floor Frame and Floor Panels on a Gravel Base

With the aluminium floor frame (accessory) you can also set up the shed on a gravel base and anchor it with storm-proof ground anchors (ground anchors are included). The aluminium floor panels (accessory) serve as a functional floor and are underlaid with XPS hard foam boards (XPS hard foam boards not included in the delivery).





## Quality

- Hot-dip galvanised steel ground screws / adjustable feet
- Aluminium frame rails
- High-quality aluminium grooved floor boards
- Lifetime maintenance free



## Assembly

- Quick assembly
- No curing time as with a concrete foundation
- The shed can be installed immediately after completion of installation
- Easy to remove if necessary
- Precisely fitted to all Biohort garden sheds, the Equipment Locker and MiniGarage
- Assembly service available upon request



## Functionality

- Integrated water barrier to protect against water ingress
- Compensation of ground unevenness and slopes (extensions are available on request for larger differences in height)
- Suitable for all load-bearing soil types

## Technical Data



Neo



HighLine®



Panorama®



AvantGarde®  
AvantGarde®ECO



Europa



Equipment Locker



MiniGarage

Foundation / Accessories			Foundation Dimensions	Aluminium Floor Frame	Aluminium Floor Panels	SmartBase	SmartBase <sup>PLUS</sup>
				EAN Code	EAN Code	EAN Code	EAN Code
suitable for			W x L (cm)				
<b>Neo</b>							
1A			171 x 171	9003414 <b>41014</b> 5	9003414 <b>48014</b> 8	9003414 <b>43950</b> 4	9003414 <b>43450</b> 9
1B / 2A			171 x 227	9003414 <b>41024</b> 4	9003414 <b>48024</b> 7	9003414 <b>43954</b> 2	9003414 <b>43454</b> 7
1C / 3A			171 x 283	9003414 <b>41034</b> 3	9003414 <b>48034</b> 6	9003414 <b>43955</b> 9	9003414 <b>43455</b> 4
1D / 4A			171 x 339	9003414 <b>41044</b> 2	9003414 <b>48044</b> 5	9003414 <b>43956</b> 6	9003414 <b>43456</b> 1
2B			227 x 227	9003414 <b>41040</b> 4	9003414 <b>48040</b> 7	9003414 <b>43918</b> 4	9003414 <b>43418</b> 9
2C / 3B			227 x 283	9003414 <b>41054</b> 1	9003414 <b>48054</b> 4	9003414 <b>43960</b> 3	9003414 <b>43460</b> 8
2D / 4B			227 x 339	9003414 <b>41067</b> 1	9003414 <b>48064</b> 3	9003414 <b>43962</b> 7	9003414 <b>43462</b> 2
3C			283 x 283	9003414 <b>41074</b> 9	9003414 <b>48074</b> 2	9003414 <b>43965</b> 8	9003414 <b>43465</b> 3
3D / 4C			283 x 339	9003414 <b>41084</b> 8	9003414 <b>48084</b> 1	9003414 <b>43970</b> 2	9003414 <b>43470</b> 7
4D			339 x 339	9003414 <b>41094</b> 7	9003414 <b>48094</b> 0	9003414 <b>43974</b> 0	9003414 <b>43474</b> 5
<b>HighLine®</b>	<b>Panorama®</b>	<b>AvantGarde® AvantGarde®ECO</b>		<b>Aluminium Floor Frame</b>	<b>Aluminium Floor Panels</b>	<b>SmartBase</b>	<b>SmartBase<sup>PLUS</sup></b>
				EAN Code	EAN Code	EAN Code	EAN Code
			H1 / HS	P1			
			137 x 257	9003414 <b>41022</b> 0	9003414 <b>48022</b> 3	9003414 <b>43952</b> 8	9003414 <b>43452</b> 3
			H2	P2	A3 / A5		
			257 x 177	9003414 <b>41041</b> 1	9003414 <b>48041</b> 4	9003414 <b>43958</b> 0	9003414 <b>43458</b> 5
			H3	P3	A6		
			257 x 217	9003414 <b>41042</b> 8	9003414 <b>48042</b> 1	9003414 <b>43963</b> 4	9003414 <b>43463</b> 9
			H4	P4	A7		
			257 x 257	9003414 <b>41051</b> 0	9003414 <b>48051</b> 3	9003414 <b>43968</b> 9	9003414 <b>43468</b> 4
			H5	P5			
			257 x 297	9003414 <b>41062</b> 6	9003414 <b>48062</b> 9	9003414 <b>43973</b> 3	9003414 <b>43473</b> 8
				A1			
			177 x 177	9003414 <b>41031</b> 2	9003414 <b>48031</b> 5	9003414 <b>43946</b> 7	9003414 <b>43446</b> 2
				A2			
			177 x 217	9003414 <b>41071</b> 8	9003414 <b>48071</b> 1	9003414 <b>43988</b> 7	9003414 <b>43488</b> 2
				A4			
			177 x 337	9003414 <b>41081</b> 7	9003414 <b>48081</b> 0	9003414 <b>43976</b> 4	9003414 <b>43476</b> 9
				A8			
			257 x 337	9003414 <b>41061</b> 9	9003414 <b>48061</b> 2	9003414 <b>43978</b> 8	9003414 <b>43478</b> 3
			H6				
			297 x 297	9003414 <b>41043</b> 5	9003414 <b>48043</b> 8	9003414 <b>43995</b> 5	9003414 <b>43495</b> 0
<b>Europa</b>	<b>Equipment Locker</b>	<b>MiniGarage</b>		<b>Aluminium Floor Frame</b>	<b>Aluminium Floor Panels</b>	<b>SmartBase</b>	<b>SmartBase<sup>PLUS</sup></b>
				EAN Code	EAN Code	EAN Code	EAN Code
			1	150			
			155 x 83	9003414 <b>41010</b> 7	9003414 <b>48010</b> 0	9003414 <b>43901</b> 6	9003414 <b>43401</b> 1
			2	150 <sup>LARGE</sup>			
			155 x 155	9003414 <b>41020</b> 6	9003414 <b>48020</b> 9	9003414 <b>43906</b> 1	9003414 <b>43406</b> 6
			3	230 <sup>LARGE</sup>			
			227 x 155	9003414 <b>41030</b> 5	9003414 <b>48030</b> 8	9003414 <b>43912</b> 2	9003414 <b>43412</b> 7
			4				
			227 x 227	9003414 <b>41040</b> 4	9003414 <b>48040</b> 7	9003414 <b>43918</b> 4	9003414 <b>43418</b> 9
			5 / 6				
			299 x 227	9003414 <b>41050</b> 3	9003414 <b>48050</b> 6	9003414 <b>43923</b> 8	9003414 <b>43423</b> 3
			7				
			299 x 299	9003414 <b>41070</b> 1	9003414 <b>48070</b> 4	9003414 <b>43930</b> 6	9003414 <b>43430</b> 1
			2A	230			
			227 x 83	9003414 <b>41080</b> 0	9003414 <b>48080</b> 3	9003414 <b>43936</b> 8	9003414 <b>43436</b> 3
			4A				
			299 x 155	9003414 <b>41090</b> 9	9003414 <b>48090</b> 2	9003414 <b>43942</b> 9	9003414 <b>43442</b> 4
				90			
			93 x 83	9003414 <b>41011</b> 4	9003414 <b>48011</b> 7	9003414 <b>43982</b> 5	9003414 <b>43482</b> 0
				190			
			191 x 83	9003414 <b>41012</b> 1	9003414 <b>48012</b> 4	9003414 <b>43929</b> 0	9003414 <b>43426</b> 4
				190 <sup>LARGE</sup>			
			191 x 155	9003414 <b>41015</b> 2	9003414 <b>48015</b> 5	9003414 <b>43910</b> 8	9003414 <b>43510</b> 0
			L				
			122 x 203	9003414 <b>41033</b> 6	9003414 <b>48033</b> 9	9003414 <b>43990</b> 0	9003414 <b>43490</b> 5

Note: Hammer drills can be rented from any well-equipped specialist, however the drill bit required is available from Biohort.

Drill bit Ø 40 x 570 mm for SDS-MAX chuck Ø 18 mm (für SmartBase<sup>PLUS</sup>)

9003414 **43410** 3

Note: In combination with an additional door, an additional package is required for the SmartBase and SmartBase<sup>PLUS</sup>.

Foundation Additional Package

9003414 **43505** 6

9003414 **43405** 9

Note: If the floor frame is laid directly on a gravel base (approx. 10 cm gravel, without foundation or slabs), ground anchors are required for securing to the ground. Storm resistance must be ensured by the customer. For sizes 1, 90, 150: 4 pcs. in total; for sizes 2, 2A, 150<sup>LARGE</sup>, 190, 190<sup>LARGE</sup>, 230: 6 pcs. in total; for sizes A1, HS, H1, P1, 1A, 1B, 2A, 2B, 3, 4, 5, 6, 4A, 230<sup>LARGE</sup>, MiniGarageL: 8 pcs. in total; for sizes H2, P2, A2, H3, P3, A3, A4, A5, A6, 1C, 3A, 1D, 4A, 7: 10 pcs. in total; for sizes H4, P4, H5, P5, H6, A7, A8: 12 pcs. in total; for sizes 2C, 3B, 2D, 4B: 14 pcs. in total; for sizes 3C, 3D, 4C, 4D: 16 pcs. in total necessary.

Ground Anchors

4 pieces per package

9003414 **41004** 6

6 pieces per package

9003414 **41006** 0





**Garden Sheds**  
Rely on Quality & Longevity



**Outdoor Boxes**  
Outdoor Boxes for the Garden, Patio & etc.



**Bicycle Storage**  
Bicycles, Scooter & etc Safely Stowed



**Dustbin Storage**  
Stylish, Practical & Maintenance Free



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Garden Design at its Best

Your specialist dealer:



Biohort  
stand for  
"life in the  
garden"

follow us:



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E-Mail: [office@biohort.at](mailto:office@biohort.at)  
[www.biohort.com](http://www.biohort.com)

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