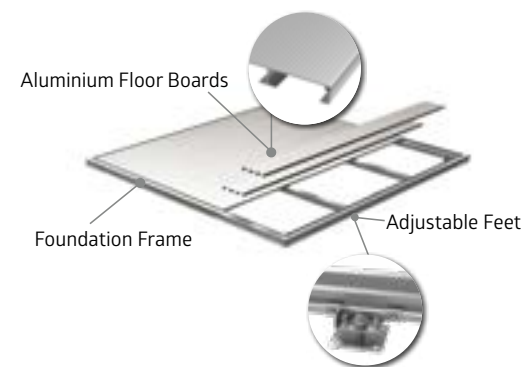




SmartBase

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

* not included in the delivery

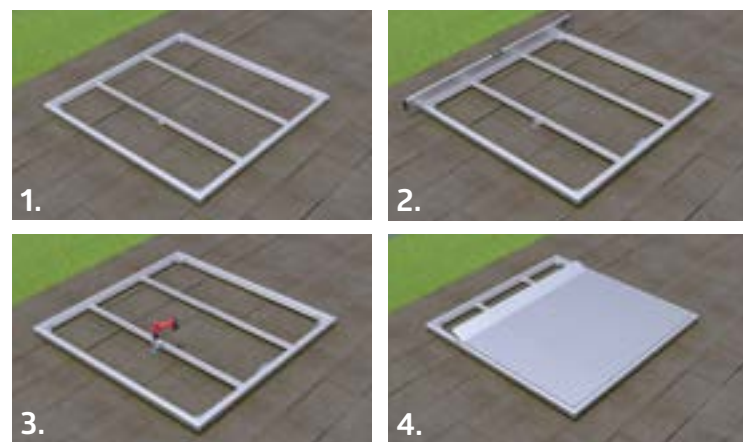
Advantages

- 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/m²

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

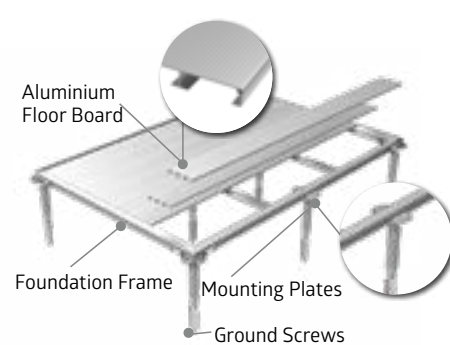
Floor frame and floor panels are no longer necessary!



SmartBase^{PLUS}

Optimal Solution for Slope

Unlike the SmartBase foundation, the patented SmartBase^{PLUS} 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/m²

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 panels are no longer necessary!



Alternative Foundation Solutions

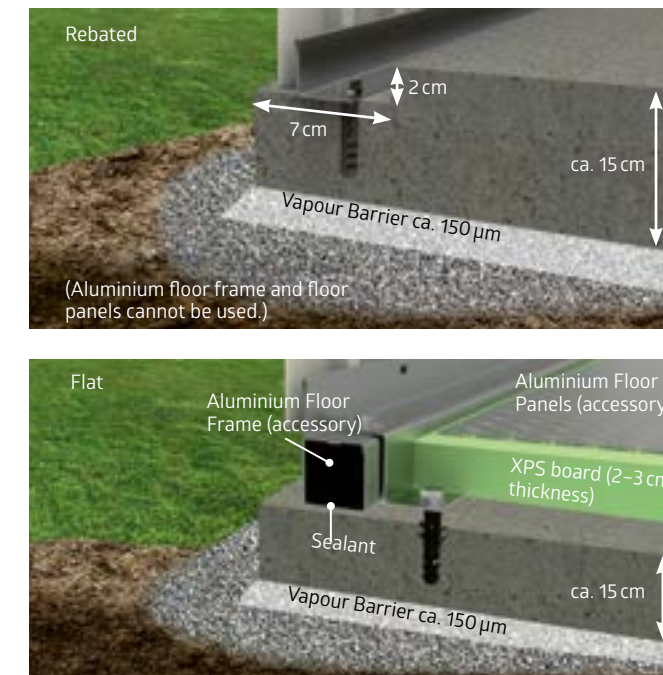
More Information:
biohort.com/foundation



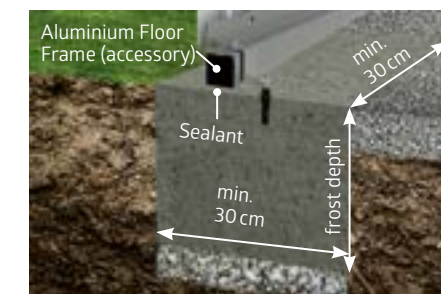
Concrete Foundation

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 rebated foundation slab with a circumferential step of 2 cm x 7 cm is an ideal design. As an alternative to the rebated 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.



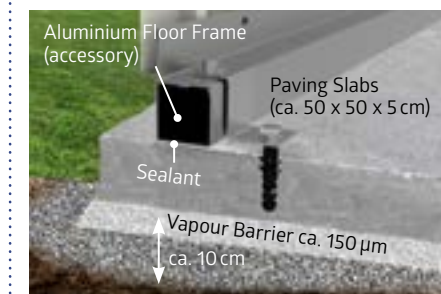
Point Foundation



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).

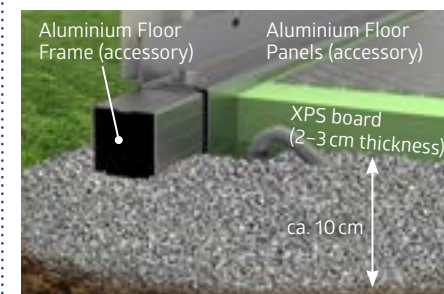
Paving Slabs



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 (accessory). 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).



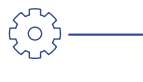
Quality

- 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



Garden Sheds
Rely on Quality & Longevity



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stand for
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Technische Daten



Foundation / Accessories			Foundation Dimensions	Aluminium Floor Frame	Aluminium Floor Panels	SmartBase	SmartBase ^{PLUS}
suitable for			W x L (cm)				
Neo							
1A			171 x 171	9003414 41014 5	9003414 48014 8	9003414 43950 4	9003414 43450 9
1B / 2A			171 x 227	9003414 41024 4	9003414 48024 7	9003414 43954 2	9003414 43454 7
1C /3A			171 x 283	9003414 41034 3	9003414 48034 6	9003414 43955 9	9003414 43455 4
1D / 4A			171 x 339	9003414 41044 2	9003414 48044 5	9003414 43956 6	9003414 43456 1
2B			227 x 227	9003414 41040 4	9003414 48040 7	9003414 43918 4	9003414 43418 9
2C / 3B			227 x 283	9003414 41054 1	9003414 48054 4	9003414 43960 3	9003414 43460 8
2D / 4B			227 x 339	9003414 41067 1	9003414 48064 3	9003414 43962 7	9003414 43462 2
3C			283 x 283	9003414 41074 9	9003414 48074 2	9003414 43965 8	9003414 43465 3
3D / 4C			283 x 339	9003414 41084 8	9003414 48084 1	9003414 43970 2	9003414 43470 7
4D			339 x 339	9003414 41094 7	9003414 48094 0	9003414 43974 0	9003414 43474 5
HighLine®	Panorama®	AvantGarde® AvantGarde®ECO		Aluminium Floor Frame	Aluminium Floor Panels	SmartBase	SmartBase ^{PLUS}
				EAN-Code	EAN-Code	EAN-Code	EAN-Code
H1 / H5	P1		137 x 257	9003414 41022 0	9003414 48022 3	9003414 43952 8	9003414 43452 3
H2	P2	A3 / A5	257 x 177	9003414 41041 1	9003414 48041 4	9003414 43958 0	9003414 43458 5
H3	P3	A6	257 x 217	9003414 41042 8	9003414 48042 1	9003414 43963 4	9003414 43463 9
H4	P4	A7	257 x 257	9003414 41051 0	9003414 48051 3	9003414 43968 9	9003414 43468 4
H5	P5		257 x 297	9003414 41062 6	9003414 48062 9	9003414 43973 3	9003414 43473 8
		A1	177 x 177	9003414 41031 2	9003414 48031 5	9003414 43946 7	9003414 43446 2
		A2	177 x 217	9003414 41071 8	9003414 48071 1	9003414 43988 7	9003414 43488 2
		A4	177 x 337	9003414 41081 7	9003414 48081 0	9003414 43976 4	9003414 43476 9
		A8	257 x 337	9003414 41061 9	9003414 48061 2	9003414 43978 8	9003414 43478 3
H6			297 x 297	9003414 41043 5	9003414 48043 8	9003414 43995 5	9003414 43495 0
Europa	Equipment Locker	MiniGarage		Aluminium Floor Frame	Aluminium Floor Panels	SmartBase	SmartBase ^{PLUS}
				EAN-Code	EAN-Code	EAN-Code	EAN-Code
1	150		155 x 83	9003414 41010 7	9003414 48010 0	9003414 43901 6	9003414 43401 1
2	150 ^{LARGE}		155 x 155	9003414 41020 6	9003414 48020 9	9003414 43906 1	9003414 43406 6
3	230 ^{LARGE}		227 x 155	9003414 41030 5	9003414 48030 8	9003414 43912 2	9003414 43412 7
4			227 x 227	9003414 41040 4	9003414 48040 7	9003414 43918 4	9003414 43418 9
5 / 6			299 x 227	9003414 41050 3	9003414 48050 6	9003414 43923 8	9003414 43423 3
7			299 x 299	9003414 41070 1	9003414 48070 4	9003414 43930 6	9003414 43430 1
2A	230		227 x 83	9003414 41080 0	9003414 48080 3	9003414 43936 8	9003414 43436 3
4A			299 x 155	9003414 41090 9	9003414 48090 2	9003414 43942 9	9003414 43442 4
	90		93 x 83	9003414 41011 4	9003414 48011 7	9003414 43982 5	9003414 43482 0
	190		191 x 83	9003414 41012 1	9003414 48012 4	9003414 43929 0	9003414 43426 4
	190 ^{LARGE}		191 x 155	9003414 41015 2	9003414 48015 5	9003414 43910 8	9003414 43510 0
	L		122 x 203	9003414 41032 9	9003414 48032 2	9003414 43938 2	9003414 43438 4
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 ^{PLUS})							9003414 43410 3
Note: In combination with an additional door, an additional package is required for the SmartBase and SmartBase ^{PLUS} .							
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 (Europa), 150 ^{LARGE} , 190, 190 ^{LARGE} , 230: 6 pcs. in total; for sizes A1, H5, H1, P1, 1A, 1B, 2A (Neo), 2B, 3, 4, 5, 6, 4A (Europa), 230 ^{LARGE} , MiniGarageL: 8 pcs. in total; for sizes H2, P2, A2, H3, P3, A3, A4, A5, A6, 1C, 3A, 1D, 4A (Neo), 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			



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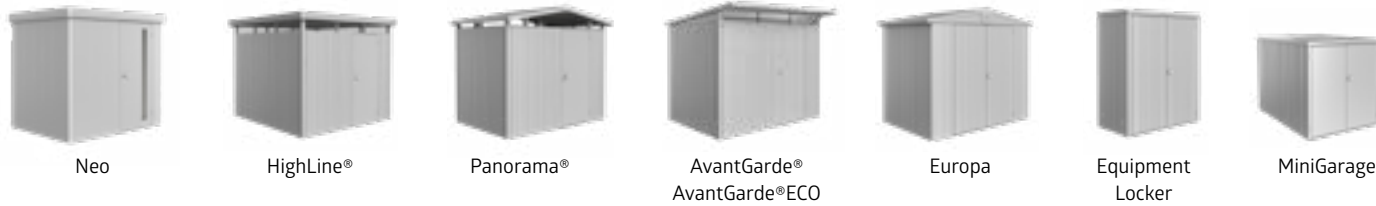
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