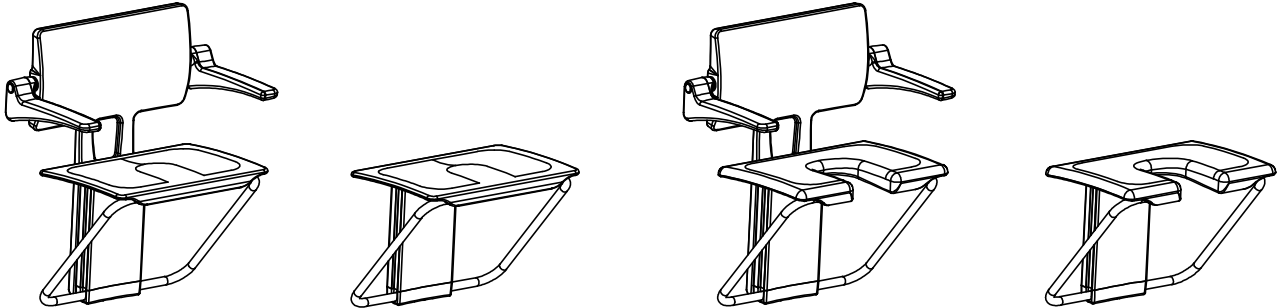
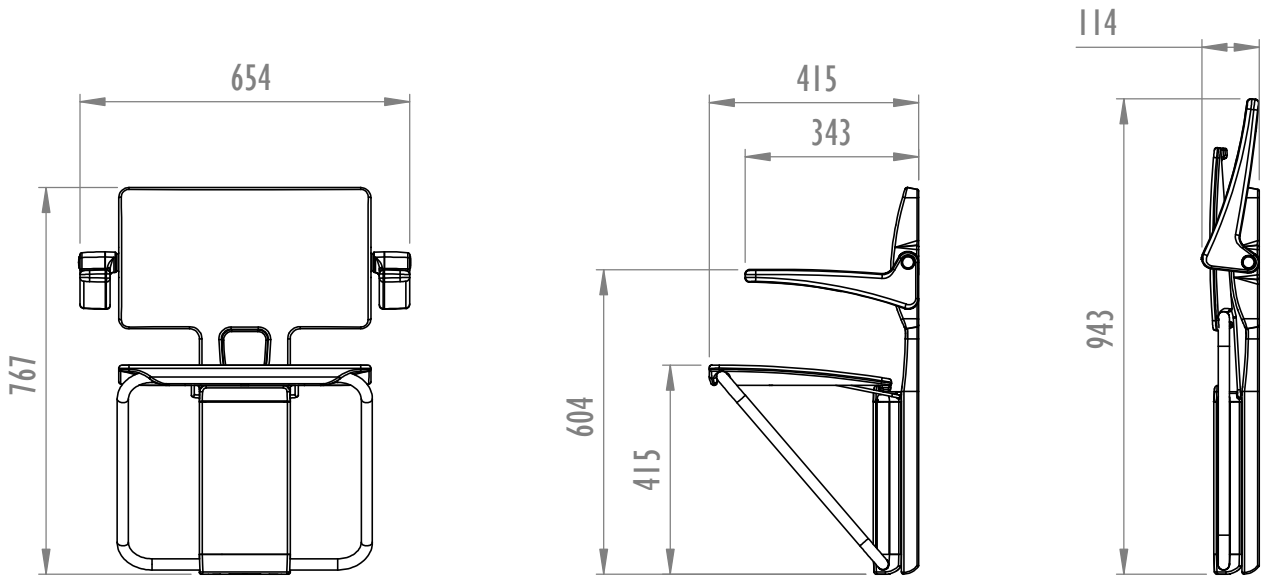


SLIMFOLD SHOWER SEAT DATASHEET

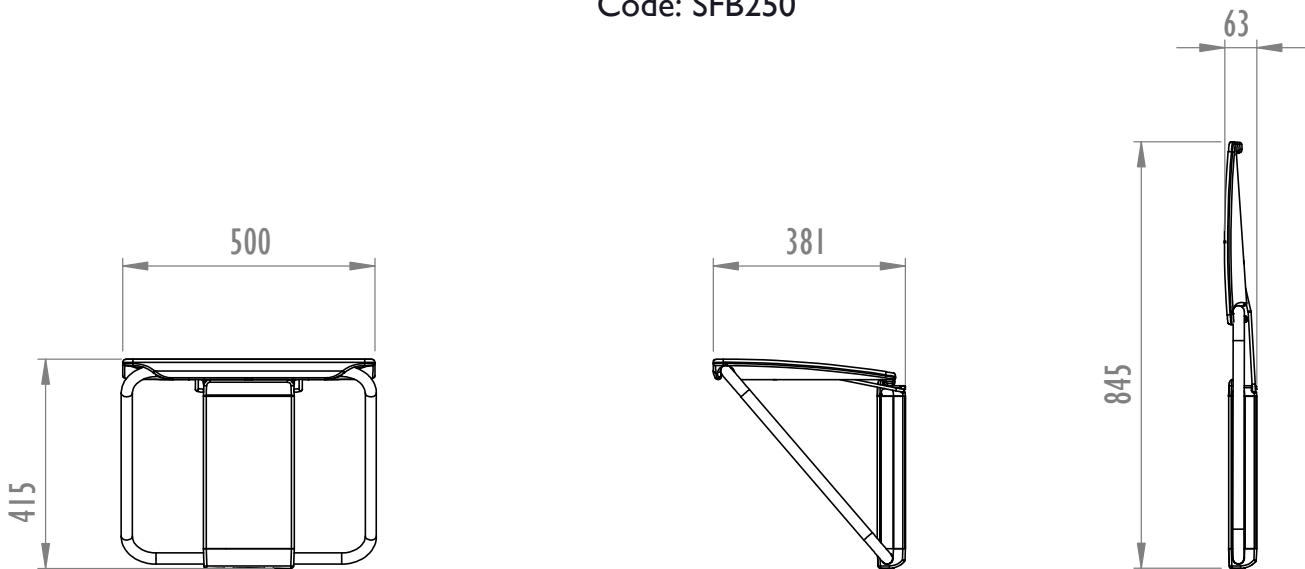


| | | | | | | | | | | | |
|---------------------|---|---------------|------------|----------------|---------------|-----------------|------------|------------------|----------|----------|----------|
| Product | Slimfold and Horseshose Shower Seat | | | | | | | | | | |
| Description | SlimFold Shower Seat is available either as a bench or full seat with a back rest and arms, in choice of both standard (blue and grey) and special order colours. | | | | | | | | | | |
| Impey Codes | | Blue | Grey | Sandstone | Black Granite | Orange | White | Pink | Purple | Red | Yellow |
| | Seat | SFS50WBL | SFS50WGY | SFS50WSS | SFS50WBG | SFS50WOR | SFS50WWH | SFS50WPK | SFS50WPU | SFS50WRD | SFS50WYE |
| | Bench | SFB50WBL | SFB50WGY | SFB50WSS | SFB50WBG | SFB50WOR | SFB50WWH | SFB50WPK | SFB50WPU | SFB50WRD | SFB50WYE |
| | Horseshose seat | SFHS250WSB | SFHS250WGY | N/A | N/A | N/A | SFHS250WWS | N/A | N/A | N/A | N/A |
| | Horseshose Bench | SFHB250WSB | SFHB250WGY | N/A | N/A | N/A | SFHB250WWS | N/A | N/A | N/A | N/A |
| Details | Seat is angled at 4° to enable water run off. Unique folding mechanism displays the seat front as opposed to the underside, providing a stylish finish. Ultra slimline profile of just 63mm (bench version). | | | | | | | | | | |
| Material | Made from LLDPE polythylene, glass filled nylon, Stainless Steel and aluminium | | | | | | | | | | |
| Special Features | The rounded and smooth seat is comfortable while promoting cleanliness and hygiene, The hollow moulded seat top and backrest offer a self cushioning feature. Using high quality corrosion resistant stainless steel cross bracing legs aid easy access and providing enough strength throughout the structure to withstand weight of up to 300kg. It also allows you to mount the seat as low as 415mm to accommodate every user. The unique folding mechanism prevents the seat from accidentally dropping down and keeping a low profile when folded away. | | | | | | | | | | |
| Dimensions / Weight | | SlimFold Seat | | SlimFold Bench | | Horseshose seat | | Horseshose Bench | | | |
| | Total Width | 654mm | | 500mm | | 654mm | | 500mm | | | |
| | Total Height | 767mm | | 415mm | | 767mm | | 427mm | | | |
| | Total Height (folded) | 943mm | | 845mm | | 943mm | | 845mm | | | |
| | Total Depth | 415mm | | 381mm | | 426mm | | 392mm | | | |
| | Total Depth (folded) | 114mm | | 63mm | | 114mm | | 75mm | | | |
| | Total Weight | 10Kg | | 8Kg | | 10Kg | | 8Kg | | | |

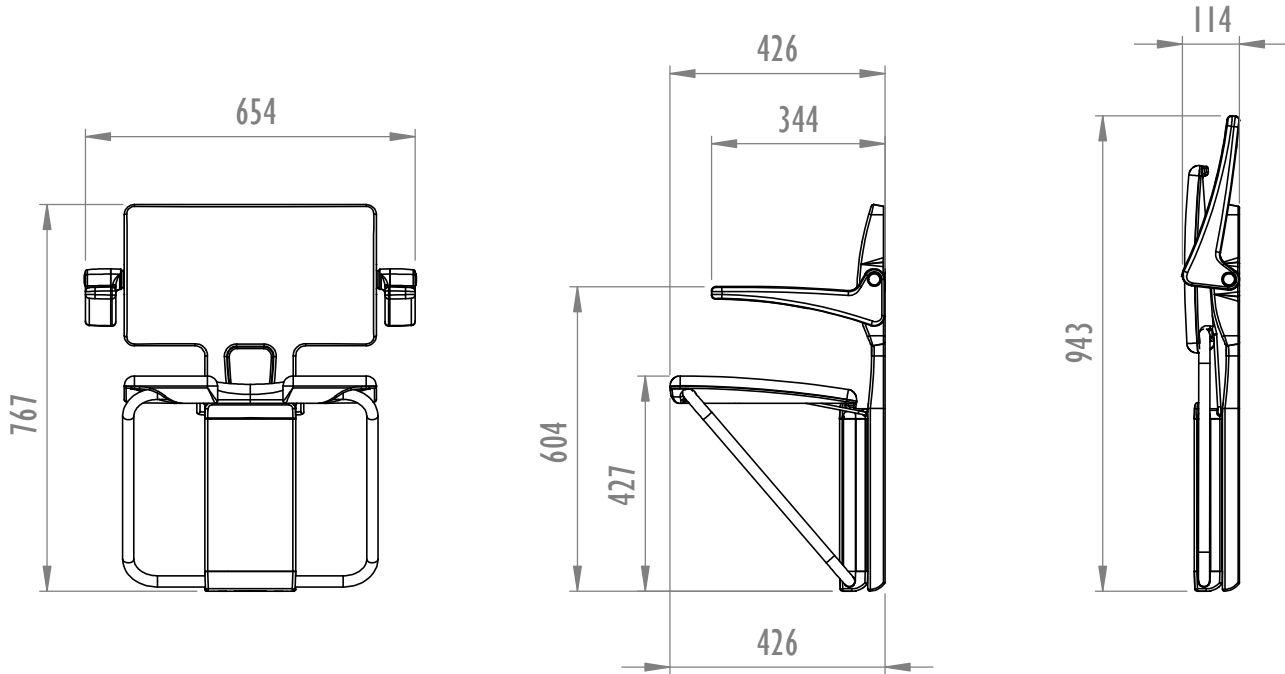
SLIMFOLD SEAT DIMENSIONS Code: SFS250



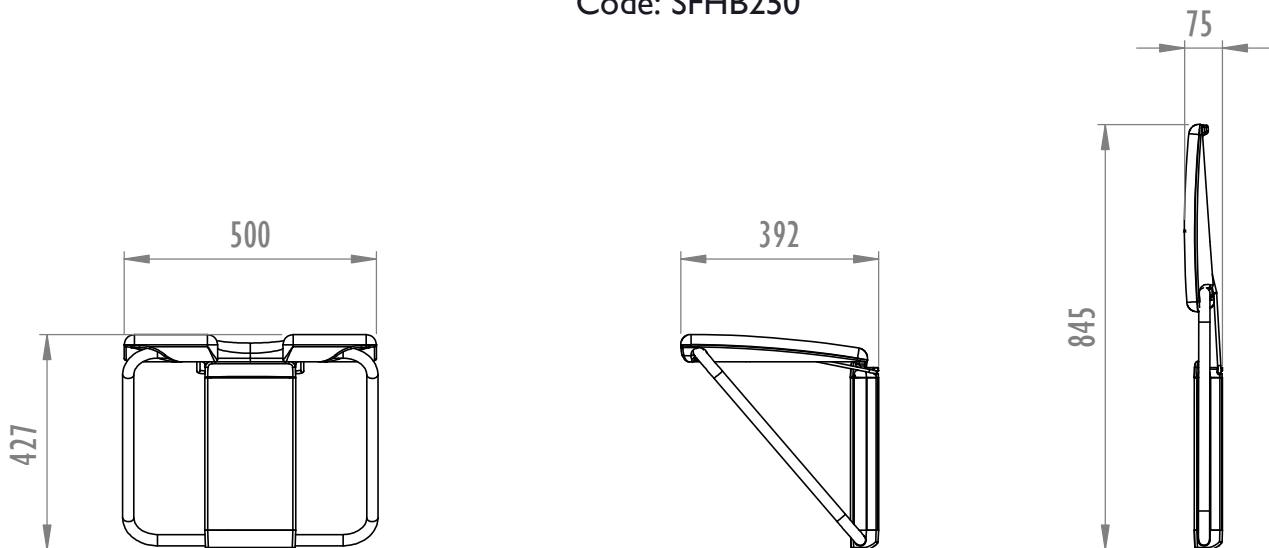
SLIMFOLD BENCH DIMENSIONS Code: SFB250



SLIMFOLD HORSESHOE SEAT DIMENSIONS Code: SFHS250



SLIMFOLD HORSESHOE BENCH DIMENSIONS Code: SFHB250



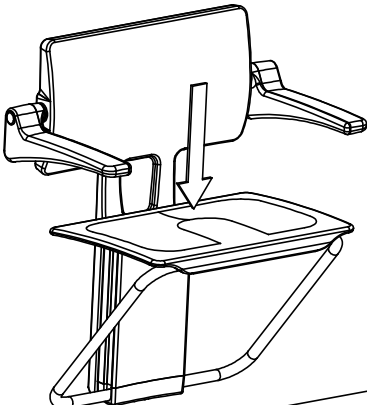
Tests Carried Out & Requirements: **EN 12182: 2012 Clause 16**

(Assistive products which support or suspend users)

The results of these test are applicable to all variants of the Slimfolds, including horseshoe.

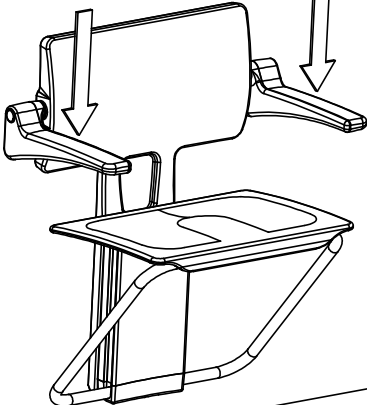
Seat Static Test (Shower Seat)

The item was secured to a vertical support plane. The force was applied vertically downwards to the seat surface of the shower seat. Test loads of 1962N, 2943N, 3434N, 3934N and 4415N were individually applied. Each load was applied for a period of 65 seconds, removed and the item inspected for damage.

|  | Load Applied (kg) | Load Applied (N) | Number of Cycles | Hold Time (sec.) | Result |
|--|-------------------|------------------|------------------|------------------|-----------|
| | 200 | 1962 | 1 | 65 | No damage |
| | 300 | 2943 | 1 | 65 | No damage |
| | 350 | 3434 | 1 | 65 | No damage |
| | 400 | 3924 | 1 | 65 | No damage |
| | 450 | 4415 | 1 | 65 | No damage |

Arm Static Test (Shower Seat)

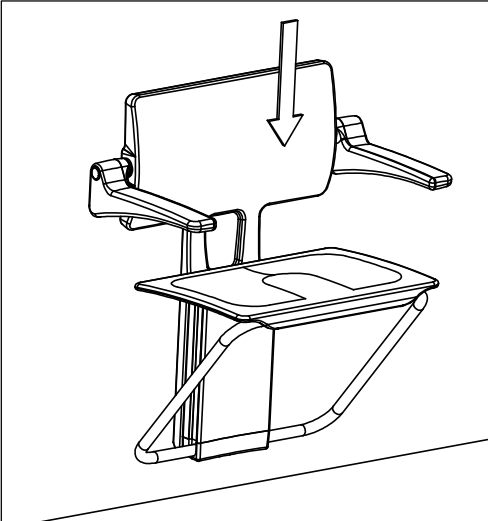
The item was secured to a vertical support plane. Loads were applied to each arm simultaneously at an angle of 10 degrees to the vertical (outwards from the seating position) and 100mm from the end of each arm. The load was increased, starting from 50kg (491N) per arm, in individual 25kg increments up to 150kg (1472N) or until failure occurred. Each load was applied for a period of 65 seconds, removed and the item inspected for damage.

|  | Load Applied (kg) | Load Applied (N) | Number of Cycles | Hold Time (sec.) | Result |
|---|-------------------|------------------|------------------|------------------|-----------------------------|
| | 50 | 491 | 1 | 65 | No damage |
| | 75 | 736 | 1 | 65 | Slight arm deformation |
| | 100 | 981 | 1 | 65 | Significant arm deformation |
| | 125 | 1226 | - | - | - |
| | 150 | 1472 | - | - | - |

Seat Impact Test (Shower Seat)

The item was secured to a vertical support plane. Load of 25kg was dropped vertically downwards onto the seat surface of the shower seat. The drop height was increased from 300mm to 800mm in increments of 100mm, with a single drop per height increment. Following each drop, the sample was inspected for damage.

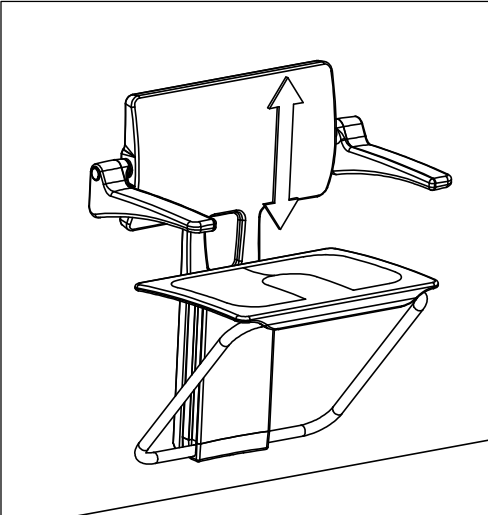
Load of 25kg dropped vertically on to the seat surface

|  | Load Applied (kg) | Load Applied (N) | Number of Cycles | Hold Time (sec.) | Result |
|--|-------------------|------------------|------------------|------------------|-----------|
| | 25 | 300 | 1 | - | No damage |
| | 25 | 400 | 1 | - | No damage |
| | 25 | 500 | 1 | - | No damage |
| | 25 | 600 | 1 | - | No damage |
| | 25 | 700 | 1 | - | No damage |
| | 25 | 800 | 1 | - | No damage |

Seat Durability Test (Shower Seat)

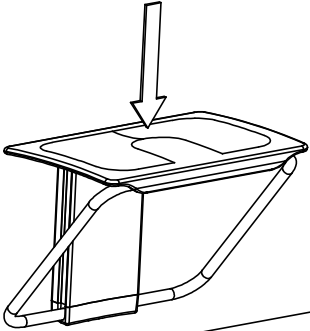
The item was secured to a vertical support plane. Loads were applied vertically downwards onto the seat surface of the shower seat. A load of 200kg (1962N) was applied for a period of 2 seconds (1 cycle), for a total of 36000 cycles. At 18000 cycles the test was stopped and the sample inspected for damage.

Load of 200kg applied for min. 18000 cycles

|  | Load Applied (kg) | Load Applied (N) | Number of Cycles | Hold Time (sec.) | Result |
|---|-------------------|------------------|------------------|------------------|-----------|
| | 200 | 1962 | 18000 | 2 | No damage |
| | 200 | 1962 | 18000 | 2 | No damage |

Seat Static Test (Shower Bench)

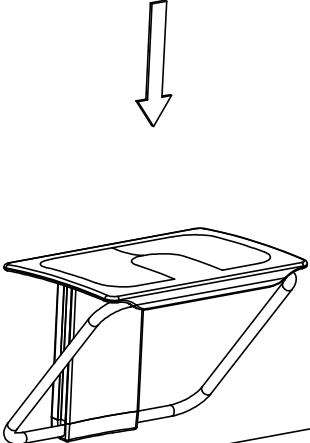
The item was secured to a vertical support plane. The force was applied vertically downwards to the seat surface of the shower bench. Test loads of 1962N, 2943N, 3434N, 3924N and 4415N were individually applied. Each load was applied for a period of 65 seconds, removed and the item inspected for damage.

|  | Load Applied (kg) | Load Applied (N) | Number of Cycles | Hold Time (sec.) | Result |
|--|-------------------|------------------|------------------|------------------|-----------|
| | 200 | 1962 | 1 | 65 | No damage |
| | 300 | 2943 | 1 | 65 | No damage |
| | 350 | 3434 | 1 | 65 | No damage |
| | 400 | 3924 | 1 | 65 | No damage |
| | 450 | 4415 | 1 | 65 | No damage |

Seat Impact Test (Shower Bench)

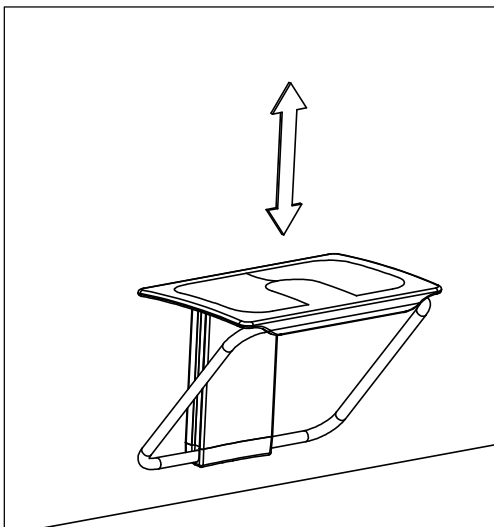
The item was secured to a vertical support plane. Test load of 25kg was dropped vertically downwards onto the seat surface of the shower bench. The drop height was increased from 300mm to 800mm in increments of 100mm, with a single drop per height increment. Following each drop, the sample was inspected for damage.

Load of 25kg dropped vertically onto the seat surface

|  | Load Applied (kg) | Load Applied (N) | Number of Cycles | Hold Time (sec.) | Result |
|---|-------------------|------------------|------------------|------------------|-----------|
| | 25 | 300 | 1 | - | No damage |
| | 25 | 400 | 1 | - | No damage |
| | 25 | 500 | 1 | - | No damage |
| | 25 | 600 | 1 | - | No damage |
| | 25 | 700 | 1 | - | No damage |
| | 25 | 800 | 1 | - | No damage |

Seat Durability Test (Shower Bench)

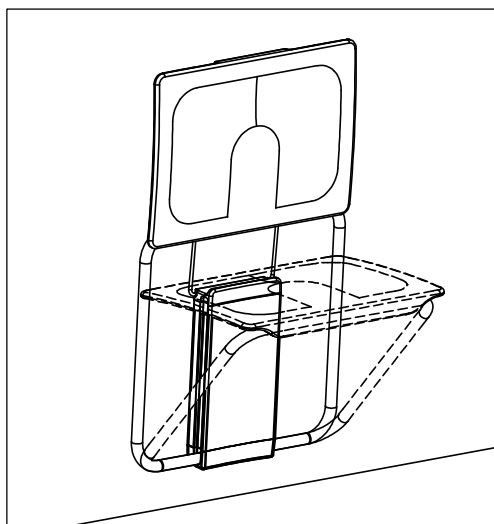
The item was secured to a vertical support plane. Loads were applied vertically downwards onto the seat surface of the shower bench. A load of 200kg (1962N) was applied for a period of 2 seconds (1 cycle), for a total of 36000cycles. At each 18000 cycles the test was stopped and the sample inspected for damage.



| Load Applied (kg) | Load Applied (N) | Number of Cycles | Hold Time (sec.) | Result |
|-------------------|------------------|------------------|------------------|-----------|
| 200 | 1962 | 18000 | 2 | No damage |
| 200 | 1962 | 18000 | 2 | No damage |

Functional Test (Shower Bench)

The test sample was set up as per previous test along with a test rig and pulley assembly so that the shower bench could be moved from it's normal (horizontal) seating position to it's normal (vertical) folded position. The equipment was set up so that the only load applied was to raise the shower bench to it's folded position. Each raise and lower equalled one cycle. A total of 36000 cycles were completed and checked for damage at ech 18000 cycles.



| Load Applied (kg) | Load Applied (N) | Number of Cycles | Hold Time (sec.) | Result |
|-------------------|------------------|------------------|------------------|-----------|
| - | - | 18000 | - | No damage |
| - | - | 18000 | - | No damage |

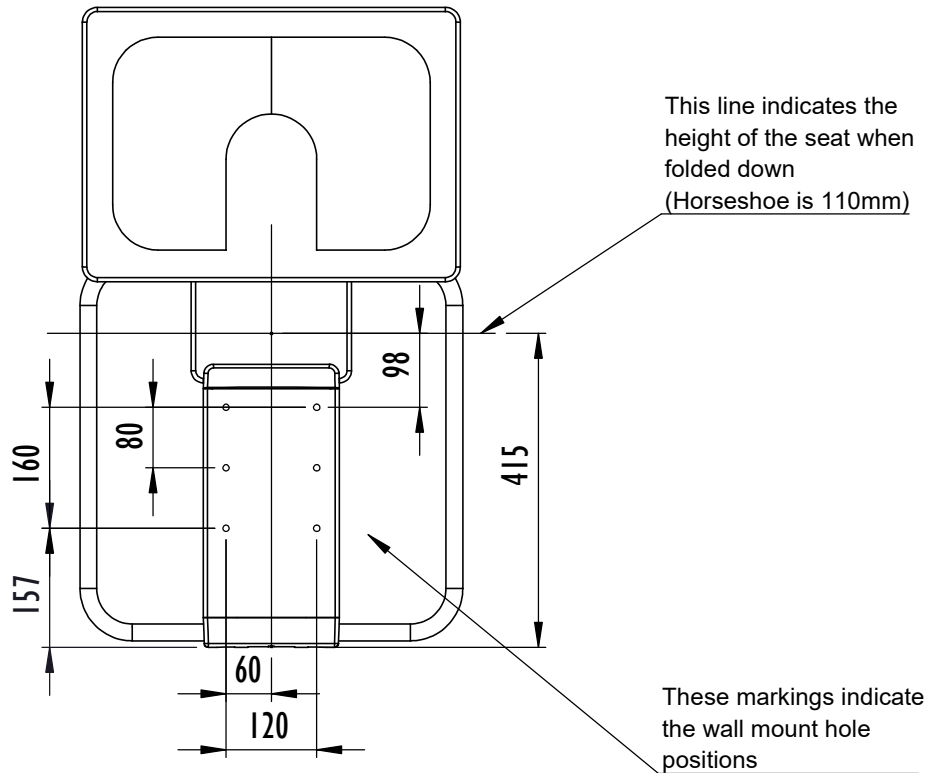


Diagram 1. SlimFold Shower Bench drilling template.

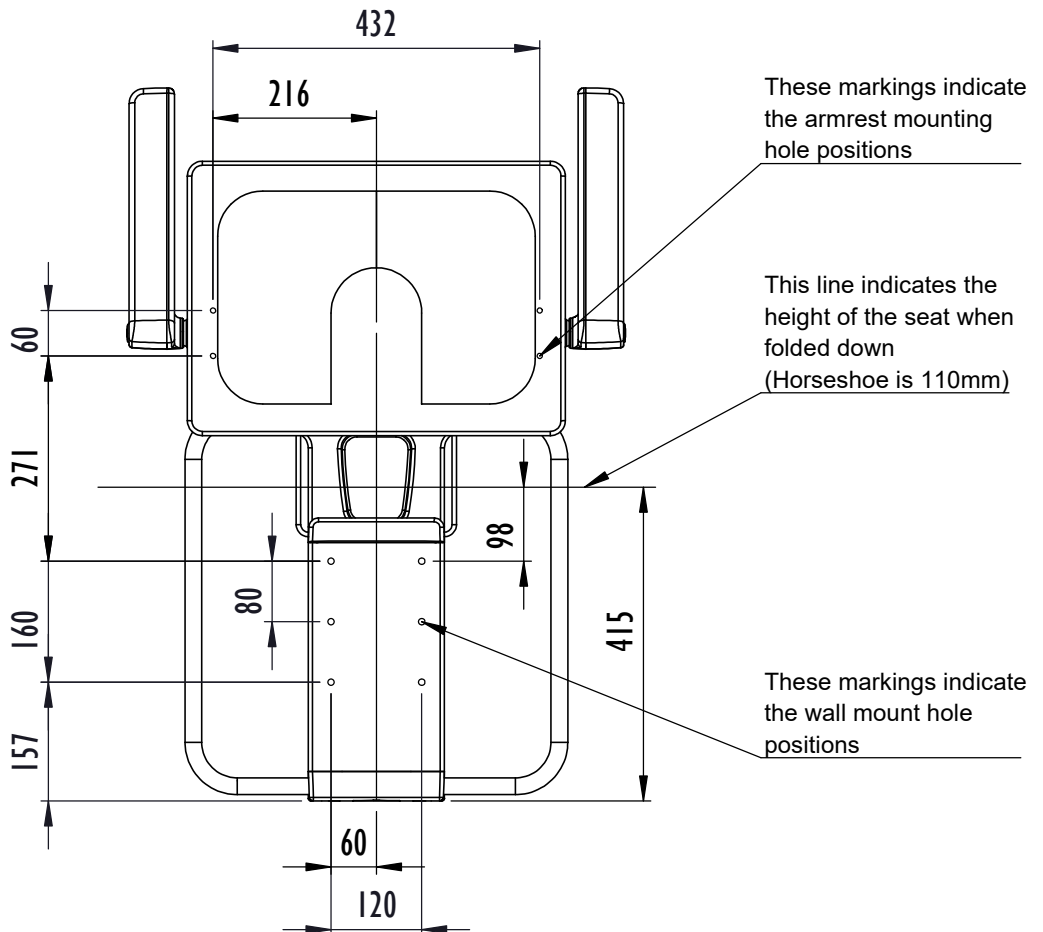


Diagram 2. SlimFold Shower Seat drilling template.