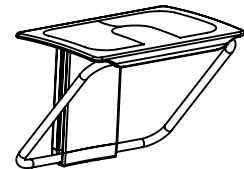
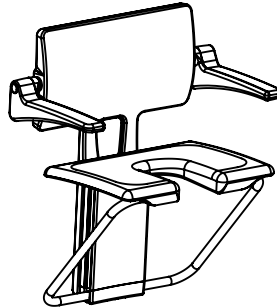
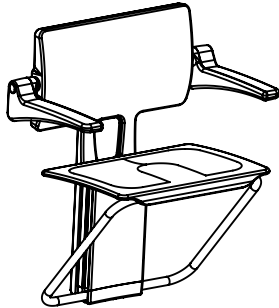


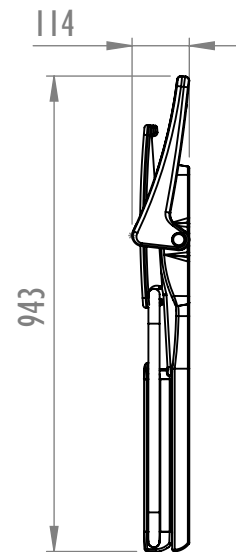
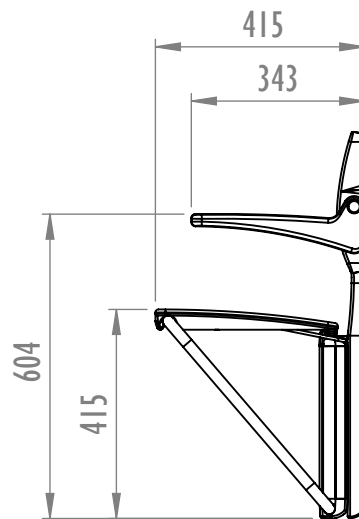
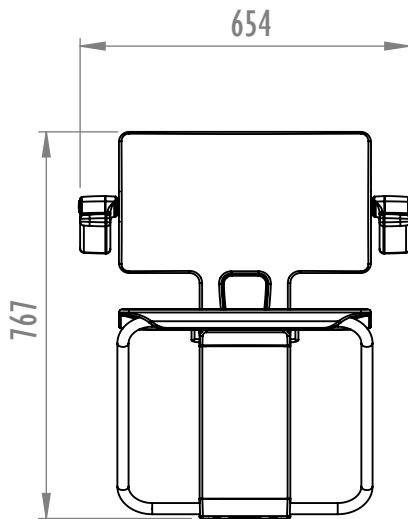
SLIMFOLD SHOWER SEAT DATASHEET



Product	Slimfold and Horseshoe 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		Sky Blue	Grey	Sandstone	Black Granite	White Stone
	Seat	SFS250WSB	SFS250WGY	SFS250WSS	SFS250WBG	SFS250WWS
	Bench	SFB250WSB	SFB250WGY	SFB250WSS	SFB250WBG	SFB250WWS
	Horseshoe seat	SFHS250WSB	SFHS250WGY	N/A	N/A	SFHS250WWS
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 polyethylene, 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		Horseshoe seat
	Seat Height	415mm		415mm		427mm
	Total Width	654mm		500mm		654mm
	Total Height	767mm		415mm		767mm
	Total Height (folded)	943mm		845mm		943mm
	Total Depth	415mm		381mm		426mm
	Total Depth (folded)	114mm		63mm		114mm
	Total Weight	10Kg		8Kg		10Kg

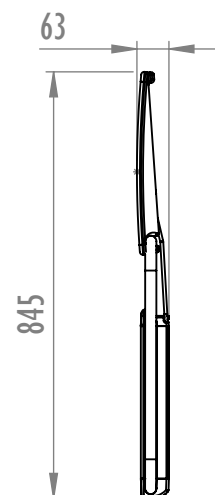
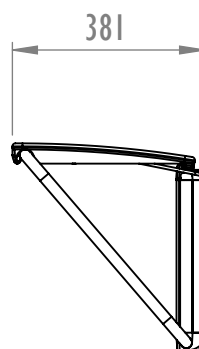
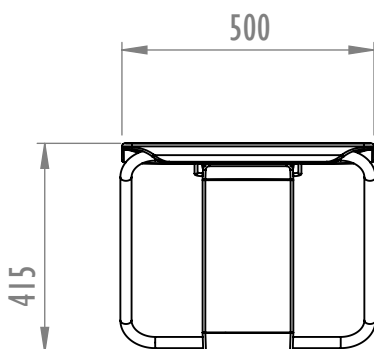
SLIMFOLD SEAT DIMENSIONS

Code: SFS250



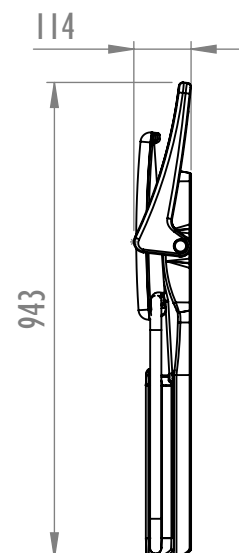
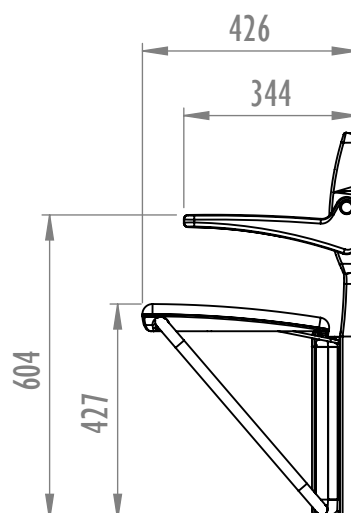
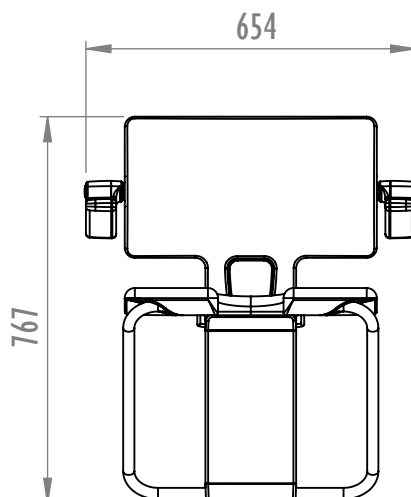
SLIMFOLD BENCH DIMENSIONS

Code: SFB250



SLIMFOLD HORSESHOE SEAT DIMENSIONS

Code: SFHS250



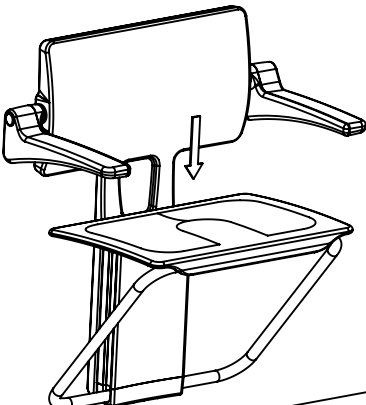
Tests Carried Out & Requirements: **EN 12182: 2012 Clause 16**

(Assistive products which support or suspend users)

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

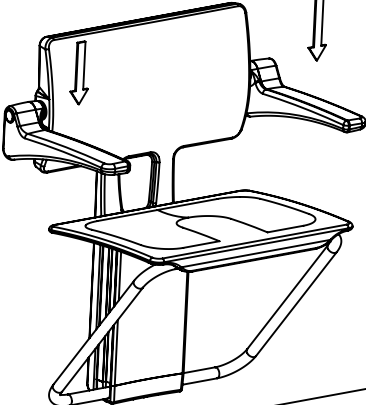
Seat Static Test (Shower Seat)

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)

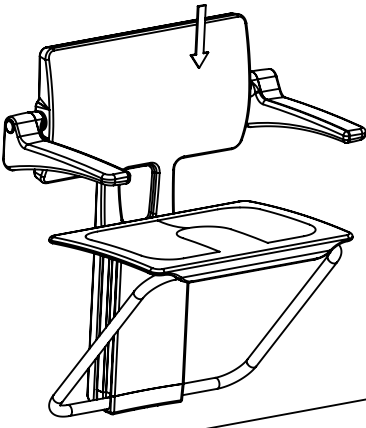
The item was secured to a vertical support plane. Loads were applied to each arm simultaneously at an angle of 10 degrees to the vertical (outwards from the seating position) and 100mm from the end of each arm. The load was increased, starting from 50kg (491N) per arm, in individual 25kg increments up 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.

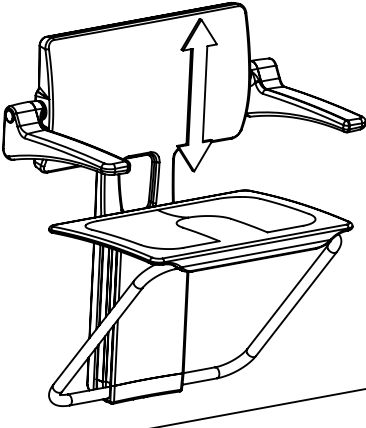
Load of 25kg dropped vertically on to the seat surface

	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)

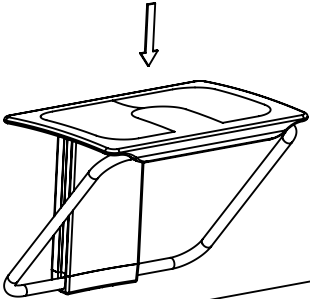
The item was secured to a vertical support plane. Loads were applied vertically downwards onto the seat surface of the shower seat. A load of 200kg (1962N) was applied for a period of 2 seconds (1 cycle), for a total of 36000 cycles. At 18000 cycles the test was stopped and the sample inspected for damage.

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)

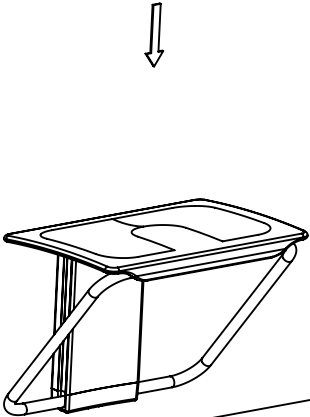
The item was secured to a vertical support plane. The force was applied vertically downwards to the seat surface of the shower bench. Test loads of 1962N, 2943N, 3434N, 3924N and 4415N were individually applied. Each load was applied for a period of 65 seconds, removed and the item inspected for damage.

	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)

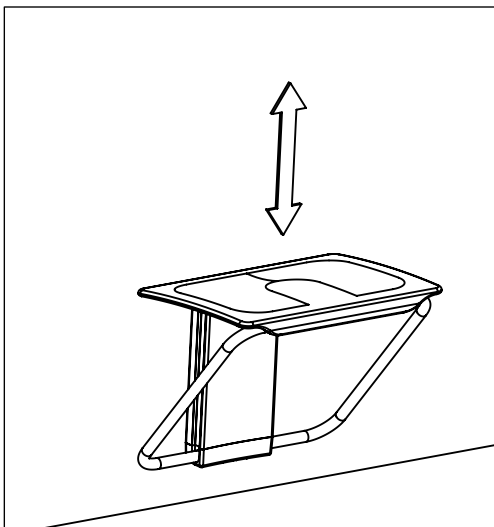
The item was secured to a vertical support plane. Test load of 25kg was dropped vertically downwards onto the seat surface of the shower bench. The drop height was increased from 300mm to 800mm in increments of 100mm, with a single drop per height increment. Following each drop, the sample was inspected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

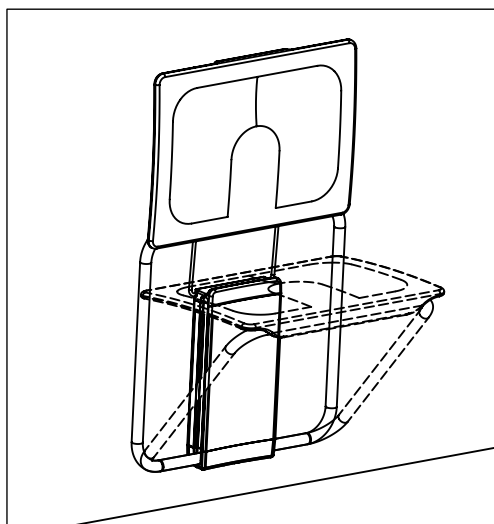
The item was secured to a vertical support plane. Loads were applied vertically downwards onto the seat surface of the shower bench. A load of 200kg (1962N) was applied for a period of 2 seconds (1 cycle), for a total of 36000cycles. At each 18000 cycles the test was stopped and the sample inspected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

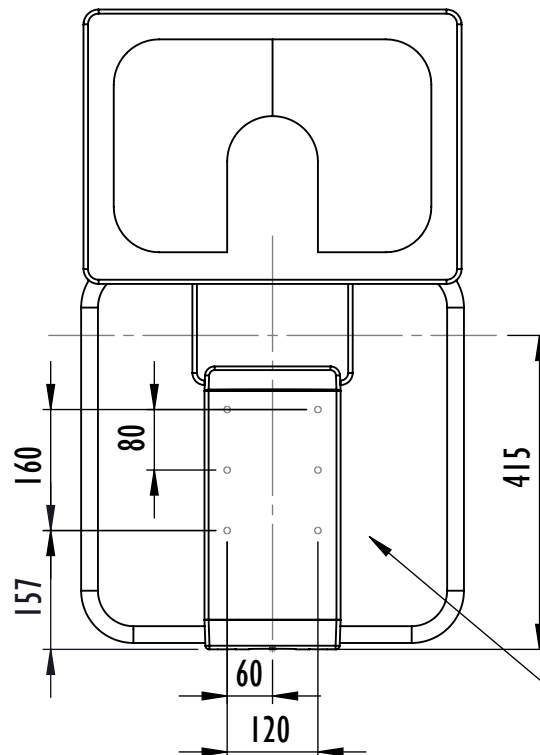


Diagram 1. SlimFold Shower Bench drilling template.

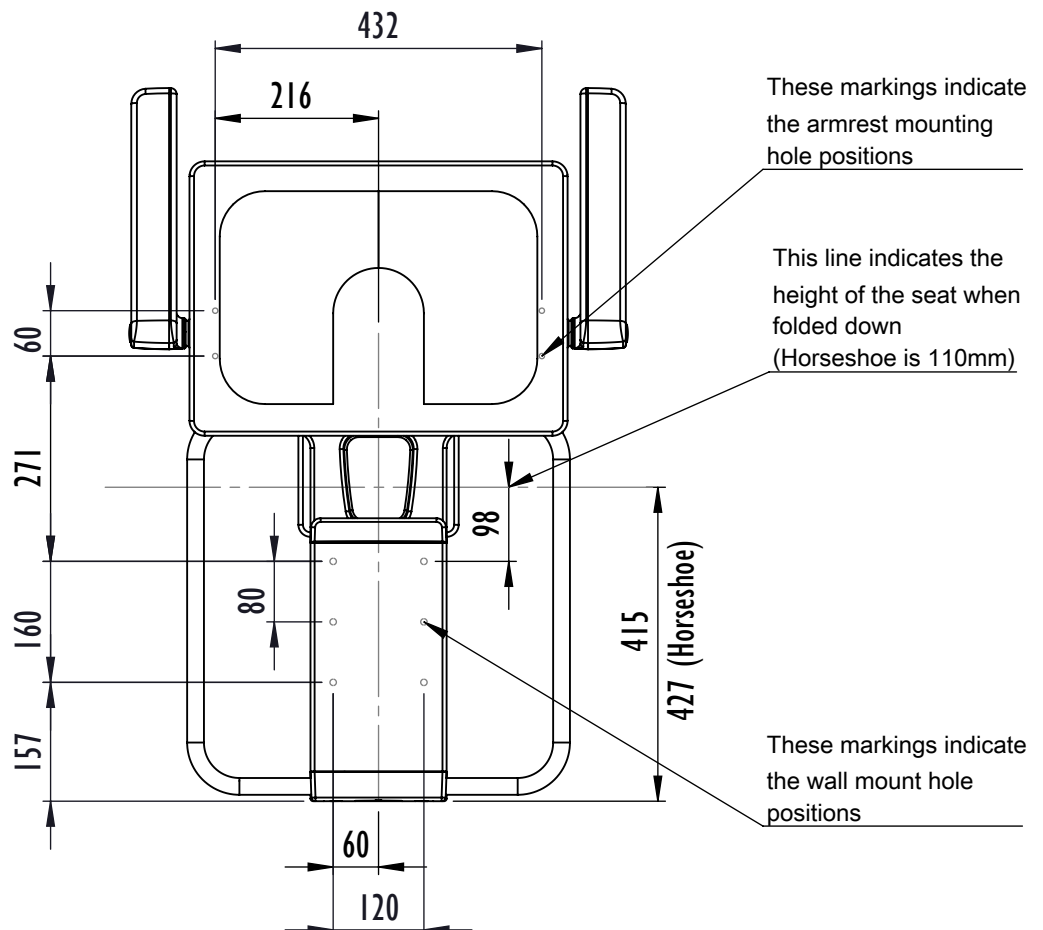


Diagram 2. SlimFold Shower Seat drilling template.