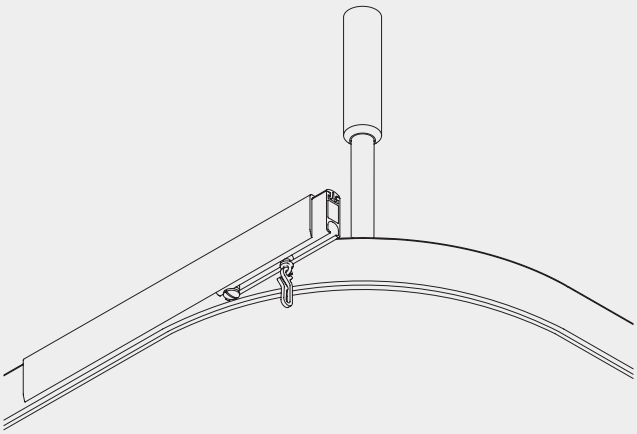
Room Divider/Cubicle/Shower Rail System

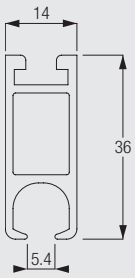
Silent Gliss® 6100



Product Information

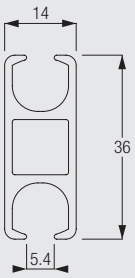
- For over 40 years the most widely used hospital cubicle system in the world.
- Also used for many varied industrial and commercial applications.
- Attractive profile combines mechanical strength and flexibility with the smoothest performance.
- The design detail gives rigidity and strength with great flexibility in layout whilst achieving a clean unbroken line in hospital wards.
- The top channel maximises connection positions and suspension variations. The dust cover strip reduces the risk of cross infection.
- Quick release safety device is available through distributors for high risk areas, (see System 6650).
- Stand colour silver. Also available in white.
- Standard lengths 6101 in metres: 4.5m, 4.75m, 5.0m, 5.25m, 5.5m, 6.0m, 6.75m, 7.5m (silver only). Profile connector available.
- Standard lengths 6109 in metres: 4.75m, 5.25m, 6.0m, 7.5m(silver only). Profile connector available.
- For medium to heavy curtains.
- An exclusive network of skilled distributors measure, supply and fix all hospital contracts in the U.K. and Eire.
- Conforms to HTM66
- White profile incoroprates BioCote anti-microbial coating as standard.

Profile, Bending and Specification Information



6101

Standard radius 200mm.



6109

Standard radius 200mm.

The standard radius is recommended for optimal operation. The minimum possible radius is 150mm.

6109 An alternative profile to be used for reversible shower rails or uplighter systems (available through distributors).

Specification Guide - download from Silent Gliss Extranet
Silent Gliss 6100 cubicle track system, anodised aluminium rail type 6101, secured to fittings detailed below by approved local distributor. Allow for noggins in suspended ceiling/hollow partitions elsewhere in B of Q.
Pre-forming bend in running length 90/135 degrees.
Dust cover 6110 fitted to track.
Nylon glider/hook 6147 fitted to track at 10/metre.
Delrin wall support 6609 twice screwed/plugged to wall and fitted to track.
Wall bracket 6503/anodised aluminium 50mm wide (two per set), each bracket screwed/plugged to wall and fitted to track.
Delrin end cover 6611 secured to track.
End stop 6007 secured to track.
Connecting bridge 6512, anodised aluminium secured to track.
T-junction 6514, anodised aluminium secured to track.
Double T-junction 6525, anodised aluminium secured to track.
Internal connecting bridge secured to track.
Ceiling fixing plate 6137, anodised aluminium (single), once screwed through ceiling to noggin above (noggin by others)/plugged and screwed and secured to track.

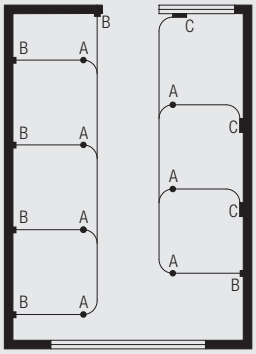
6100

Double ceiling fixing plate 6138, anodised aluminium twice screwed through ceiling to noggin above (noggin by others)/plugged and screwed and secured to track.
6190 Hanger, anodised aluminium assembly drop .... m once screwed through ceiling to noggin above (noggin by others)/plugged and screwed and secured to track.
6501 V-hanger, anodised aluminium assembly drop .... m twice screwed through ceiling noggins (noggins by others)/plugged and screwed and secured to track.

System Layout Options

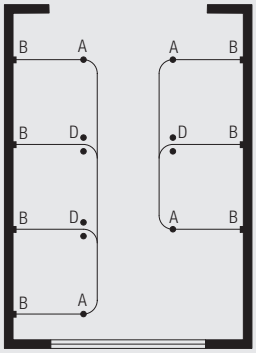
As a universal room divider system with various accessories, there are few limits to size and layouts. The recommended height from floor level to the underside of the track is 2100mm.

Typical layout for hospital (without V-hangers)



A: hanger rod 6190
B: wall support 6609
C: bracket 6503

Typical layout for hospital (with use of V-hangers)



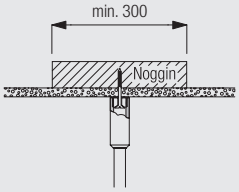
A: hanger rod 6190
B: wall support 6609
D: V-hanger 6501

Lateral stability in any cubicle layout is essential to prevent weakening of the wall and ceiling fixtures by lateral movement. Where it is not practical to fit tie bars etc., stability may be obtained by the incorporation of V hangers to the ceiling as shown in the diagram above.

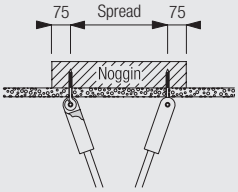
Fitting Information

The System 6100 is normally ceiling and wall fixed on suspended hangers and special wall brackets.

Site preparation for suspended ceiling applications

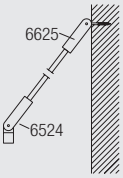


6190



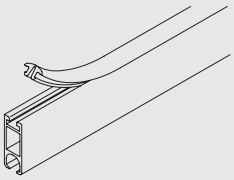
6501

Fixings should support the ends of the profile and any changes in direction. Maximum span between fixings is 300mm.
When fitting to suspended ceilings site preparation is critical. At each hanger position a noggin in approved material is required above the suspended ceiling; underside to rest on top of ceiling (but independently supported) with a minimum length of 300mm at right angles to the track in which the hanger occurs to give fixing tolerance. Ideally the hangers should be on the return track, if on the front track then adequate support should be provided. A detailed information sheet is available on request.



Diagonal fixing supports can be used to return the hanger to the bedhead wall, but only for use when it is impossible to ceiling fix.

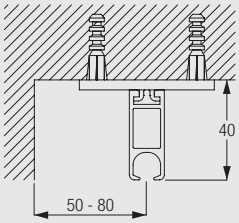
Dust Cover Strip

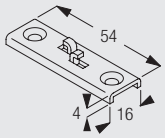


Dust cover strip 6110 for profile 6101 (6108 for profile 6109), it reduces the risk of cross infection.

Fitting Options

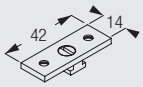
Ceiling fix with fixing plates





6124
Twist fixing plate

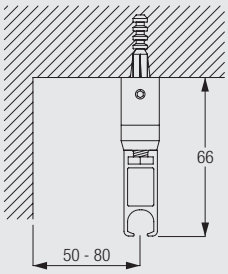
6137
Ceiling fix bracket

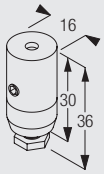


6138
Ceiling fix bracket
double (42mm)

Fixing plate positioning is recommended at maximum 300mm intervals.

Ceiling fix with ceiling support 6175



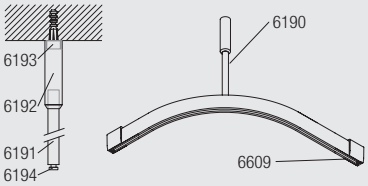


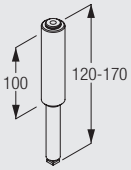
6175
Ceiling support

Bracket positioning is recommended at maximum 300mm intervals.

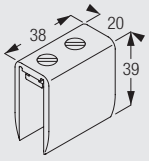
Ceiling fix with hanger rod 6190

6100





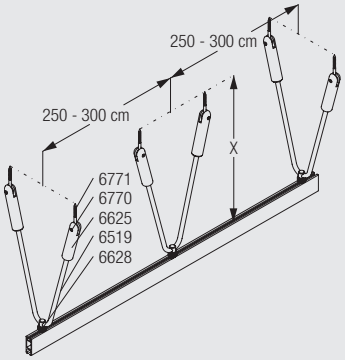
6190
Hanger rod assembly

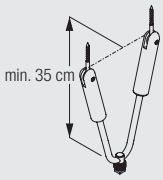


6609
Wall support

Can also be fixed through suspended ceilings by using special sleeves 6197, 6187, 6188

Ceiling fix with V-hanger 6501

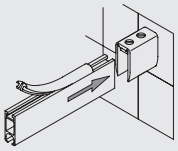


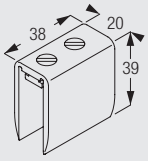


6501
V-hanger

Lateral stability in any cubicle layout is essential to prevent weakening of the wall and ceiling fixtures by lateral movement. V-hangers (25°-35°) provide alternative lateral stability when not practical to fit tie bars and to stabilise straight track over 3 metres.

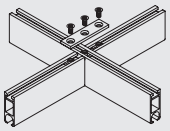
Wall fix at 90° to wall

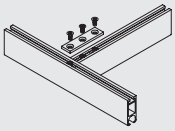


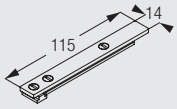


6609
Wall support

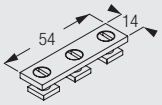
Profile Junctions (join lengths at 90°)





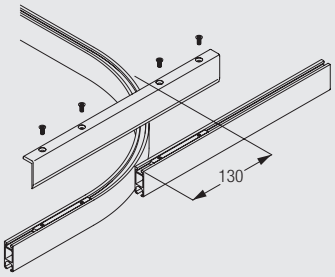


6514
T-Junction

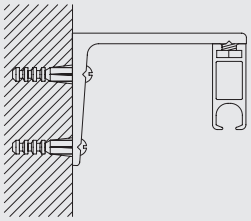


6525
Cross connection

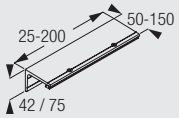
Profile Connecting bridge 6512 (bent applications)



Wall fix with bracket 6503(a-g)

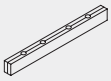
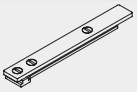
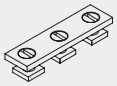


	(mm)		(mm)
6503a	50x50	6503b	200x50
6503c	50x100	6503d	100x50
6503e	25x50	6503f	100x100
6503g	75x150		



6503
Wall bracket (various sizes)

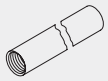
Standard Accessories

6007	Endstop		6065	Twist eye endstop	
6083	Glider		6086	Spring stop	
6094	Roller glider with hook		6096	Glider 6083 in strip form	
6098	Roller glider with eye		6101	Profile	
6110	Dust cover		6124	Twist fixing plate	
6137	Ceiling fix bracket		6138	Ceiling fix bracket double (42mm)	
6143	Glider 6144 in strip form		6146	Hook	
6147	Glider 6144 with hook 6146 in strip form		6175	Ceiling support	
6187	Dummy ceiling support sleeve		6199	Internal connecting bridge	
6503	Wall bracket (various sizes)		6512	Connecting bridge	
6514	T-Junction		6525	Cross connection	
6609	Wall support		6611	Endcover	
6628	V-hanger track insert				

6100

Sets

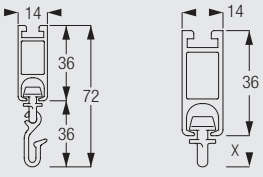
6190	Hanger rod assembly		6193	Ceiling stud	1

6192	Sleeve	1	
6191	Hanger rod	1	
6194	Track insert	1	
6501	V-hanger assembly		
6771	Vine eye	1	
6770	Locking pin	1	
6519	Hanger rod	1	
6628	V-hanger track insert	1	
6625	Complete fixing sleeve	1	

Optional Accessories

6108	Dustcover for 6109		6109	Profile	
6160	Connecting piece		6187	Dummy ceiling support sleeve	
6188	Ceiling support		6197	Hanger joint sleeve	
6283	Roller glider		6524	Diagonal fixing support	

Useful Information



The left hand diagram illustrates the standard measurements for 6100 cubicle/shower system with combined 6147 glider/hook.
For non medical application refer to the right hand illustration and the figures below for the roller/glider dimensions.
6083 = 7mm
6094 = 31mm
6098 = 26mm
6283 = 7mm
6144 = 9mm