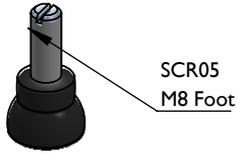


Aqua Grade Linear Technical Data Sheet

Technical Data	
Application	Aqua-Grade provides a quick and easy alternative way of creating the perfect gradient for new pour solid floors. Colour coded modular sections quickly click together to form a matrix that you simply fill with screed.
Waste Outlet Position	There are a number of options available. The waste outlet position depends on the configuration selected; minimum distance from a wall is 150mm (to centre) See diagrams for more information.
Trap Size	43mm solvent weld horizontal connection, 43mm or 110mm vertical connection
Waste Options	Gravity 50mm water seal (Horizontal or vertical options) or pumped waste by selecting the correct trap or pump kit (pump kits available separately) .
Product Codes/Sizes Available	Aqua-Grade 400mm AG40LI2090/2F, AG40LI35105/2F, AG40LI50120/2F AG40LI5075/3F, AG40LI8090/3F, AG40LI2090/4F, AG40LI50120/4F
	Aqua-Grade 600mm AG60LI9090/1F, AG60LI2090/1F, AG60LI3590/1F,AG60LI5090/1F, AG60LI3575/2F, AG60LI5090/2F,AG460LI65105/2F, AG60LI8075/3F, AG60LI5090/4F, AG60LI80120/4F.
	Aqua-Grade 800mm AG80LI105105/1F, AG80LI20105/1F, AG80LI35105/1F,AG80LI50105/1F, AG80LI5075/2F, AG80LI9575/3F, AG480LI6590/4F.
Material	ABS Plastic Glass reinforced plastic
Features	Adjustable feet which can be raised or lowered depending on the preferred height and to ensure level. The feet have an adjustable height of 10mm, by tweaking individual feet the installer can achieve an accurate gradient on an uneven floor.
Installation	Can be built up on level/uneven ground and sub-floor before screeding, but drain and down pipe hole needs to be excavated. Always follow installation guide supplied.
Linear Drainage	Tiled Insert Linear Drains Standalone LNR40/H, LNR40/V, LNR60/H, LNR60/V, LNR80/H LNR80/V. Alternative option are available

Parts used with starter section only

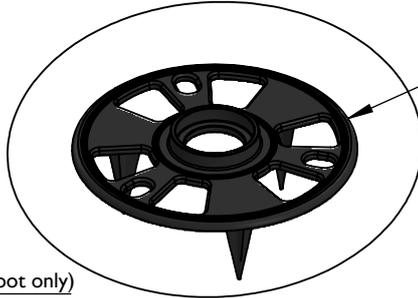
Components



SCR05
M8 Foot



SCR06
Spacer M8 foot only)

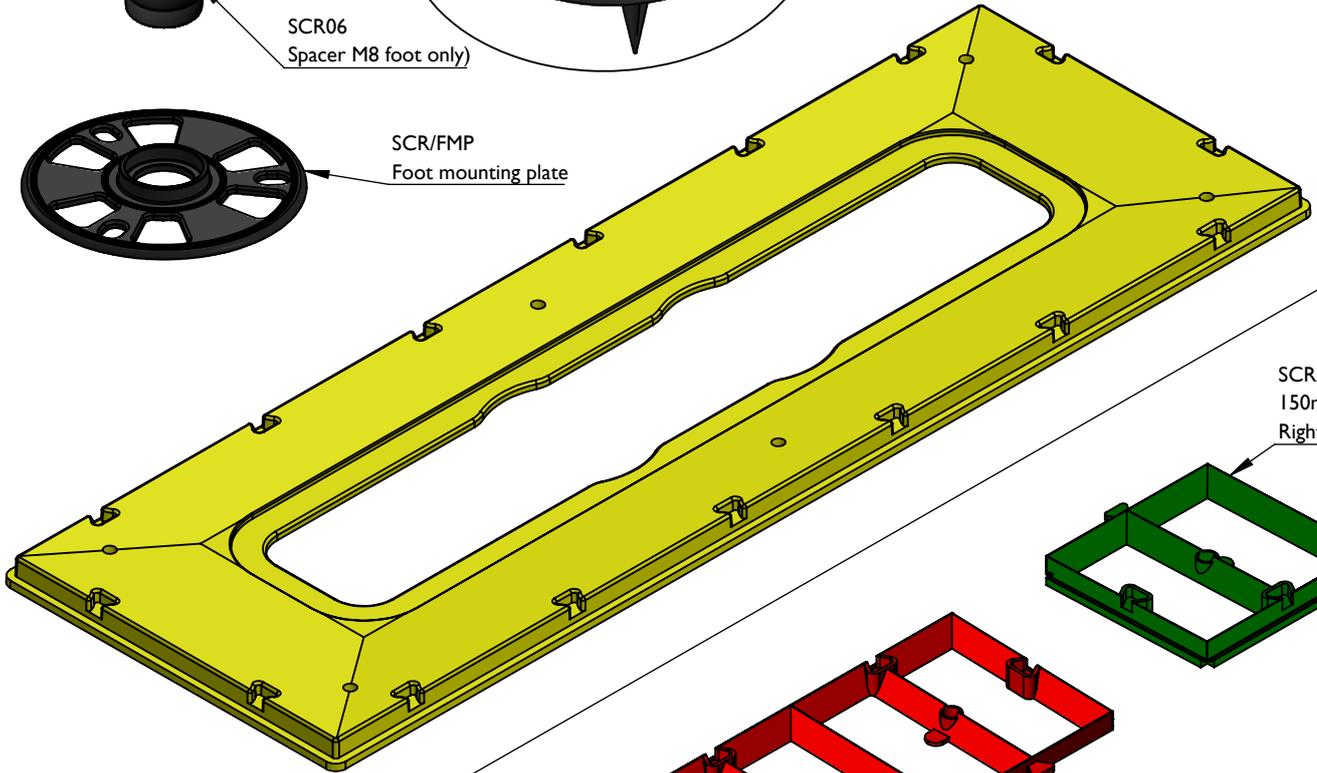


SCR/IMP Insulation mounting plate
Optional (available separately)
Can be used with both types of foot.

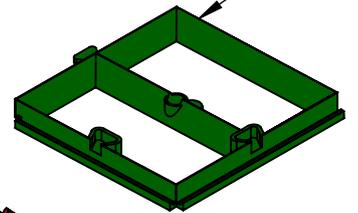
AGLNR40, starter section for 400mm Linear drain
AGLNR60, for 600mm drain
AGLNR80, for 800mm drain
(Section supplied will be dependant on configuration and size of Aqua-grade Linear)



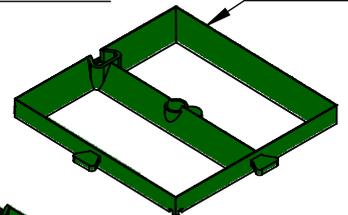
SCR/FMP
Foot mounting plate



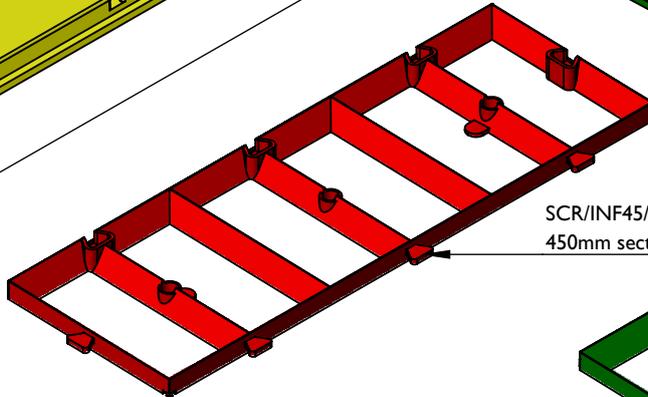
SCR/INF15R/GN
150mm section
Right hand



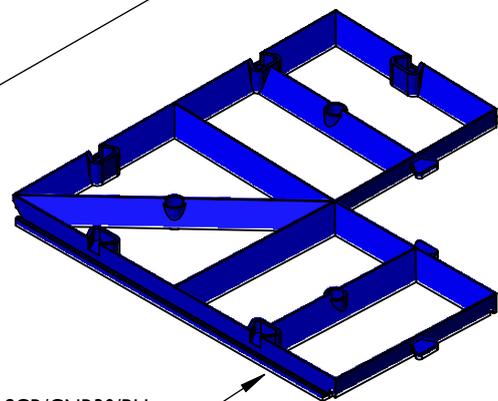
SCR/INF15L/GN
150mm section
Left hand



SCR/INF45/RE
450mm section

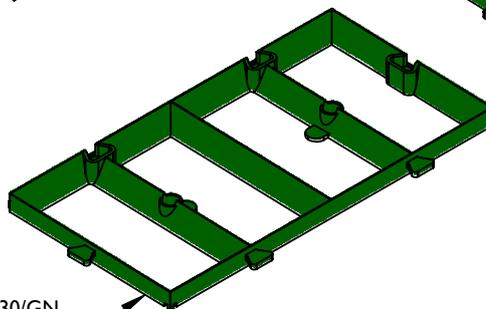


SCR/FOOT
Moulded foot



SCR/CNR30/BU
Corner section

SCR/INF30/GN
300mm section

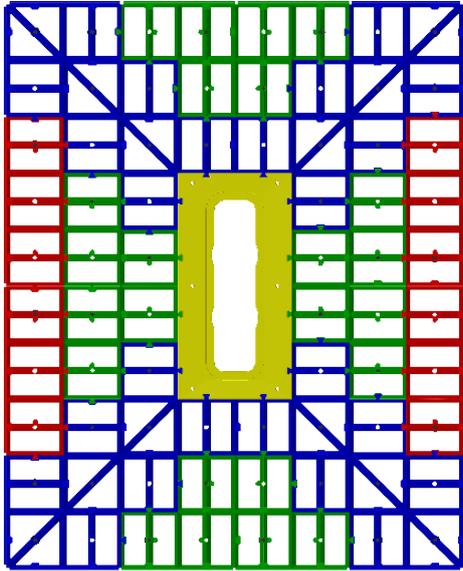


SCR/SPACER
Spacer for moulded foot

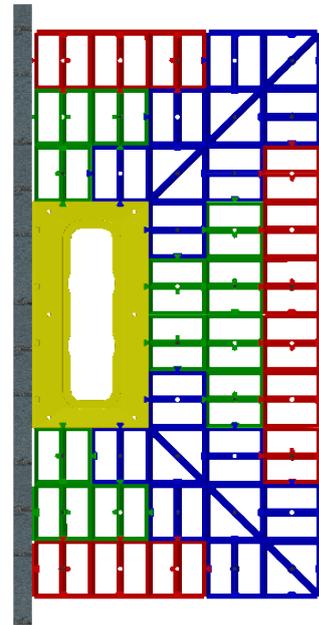


Main assembly parts

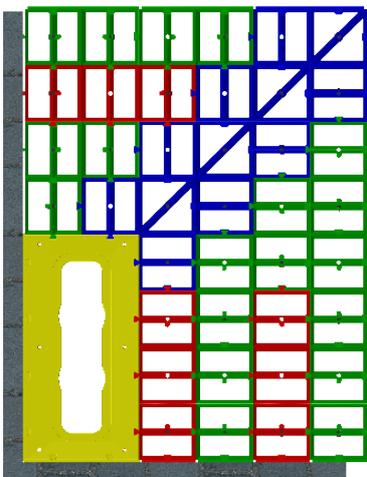
Aqua-grade Linear Configuration



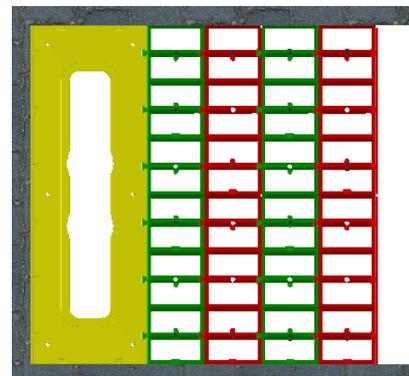
0 Walls required, 4 falls of gradient



1 Wall required, 3 falls of gradient

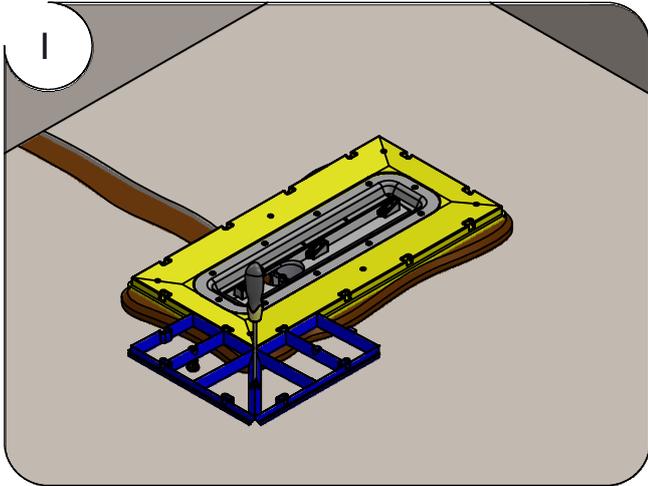


2 Walls required, 2 falls of gradient

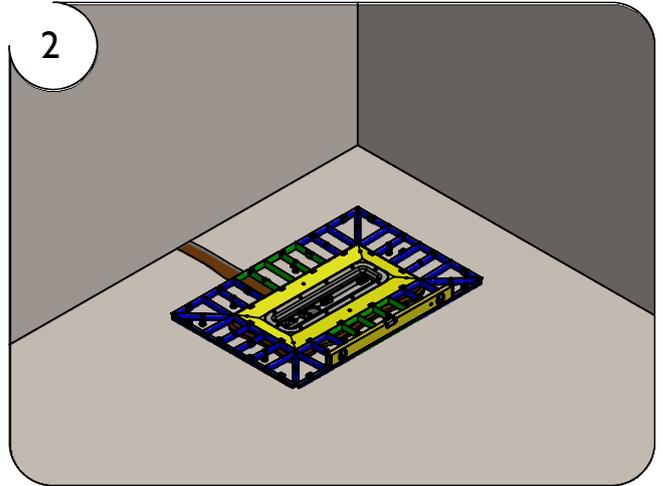


3 Walls required, 1 fall of gradient

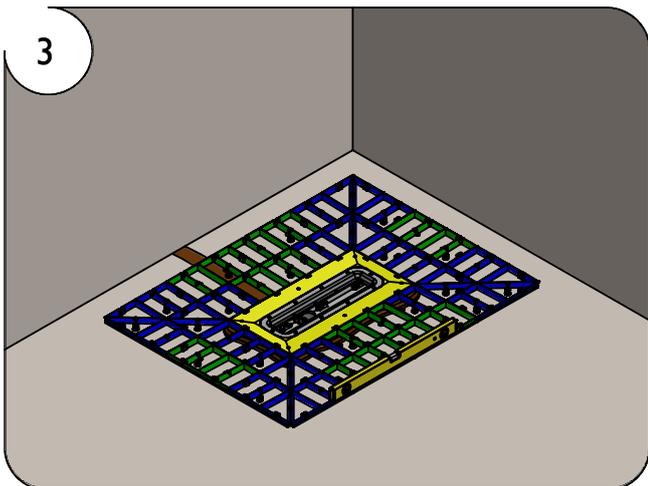
General Installation guidance



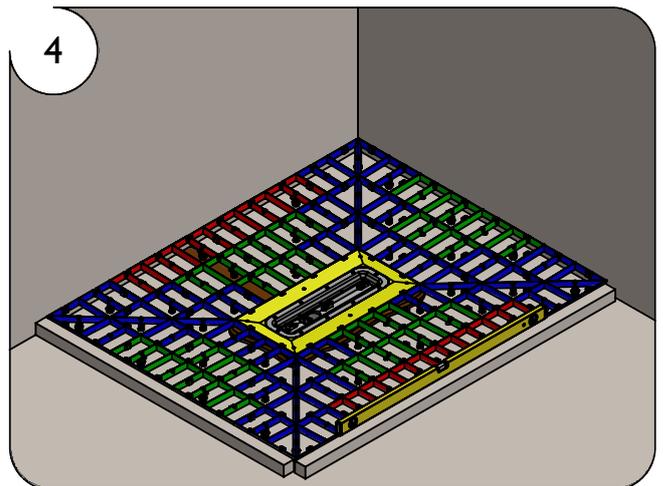
1
When the first section has been adjusted continue adding the remaining components for the configuration you are installing.



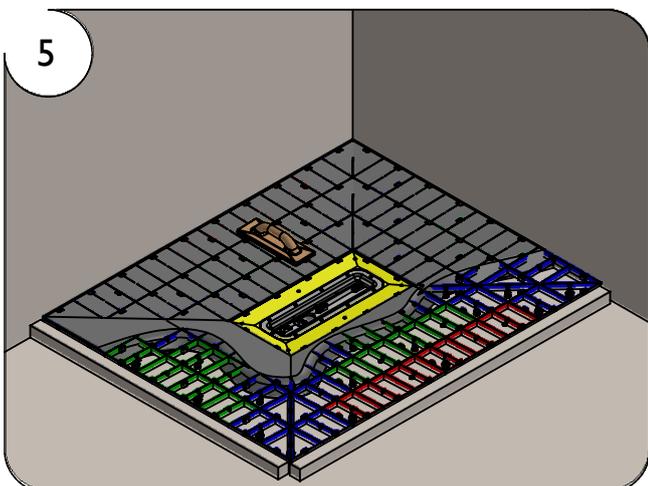
2
Working in a clockwise direction continue to add parts. After completion of each row the outer edges must be level.



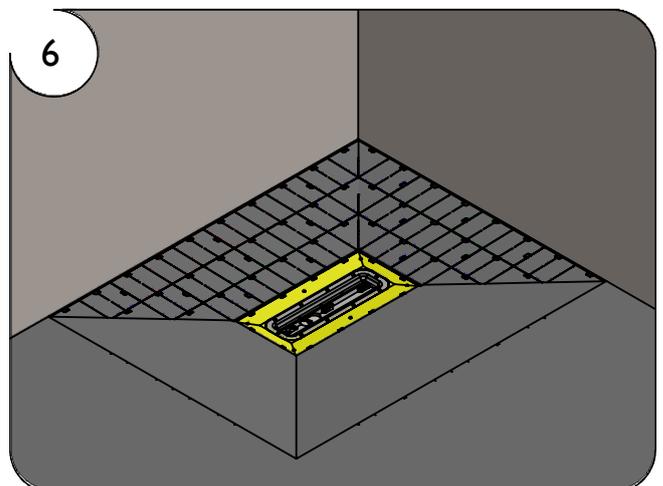
3
Continue adding parts and levelling in the same manner.



4
When the assembly is complete we recommend that the outer perimeter is shuttered to prevent screed escaping whilst backfilling is carried out.

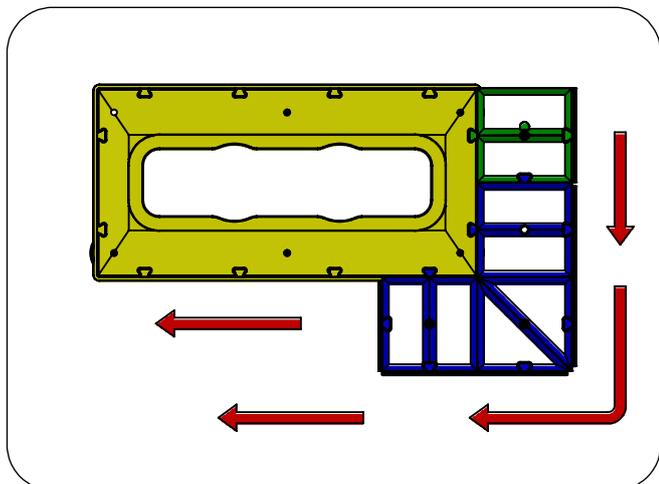


5
Begin filling the Aqua-grade with a semi dry screed mix and smooth off with a wooden or plastic float.

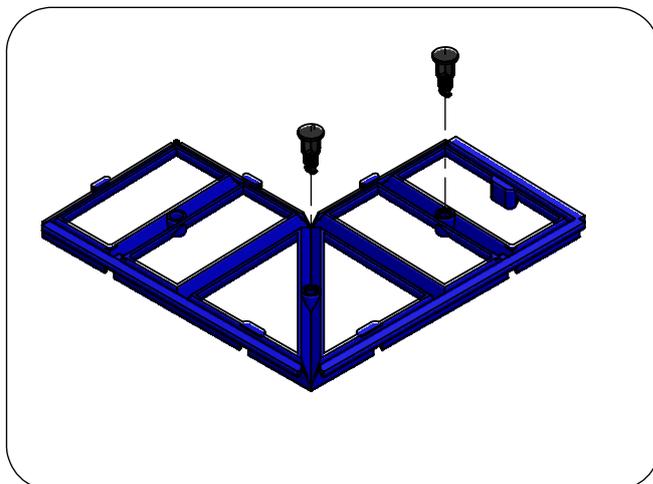


6
When fully filled it may be necessary to allow the screed to dry out slightly before final finish trowelling. When complete the shuttering can be removed and the remaining floor finished.

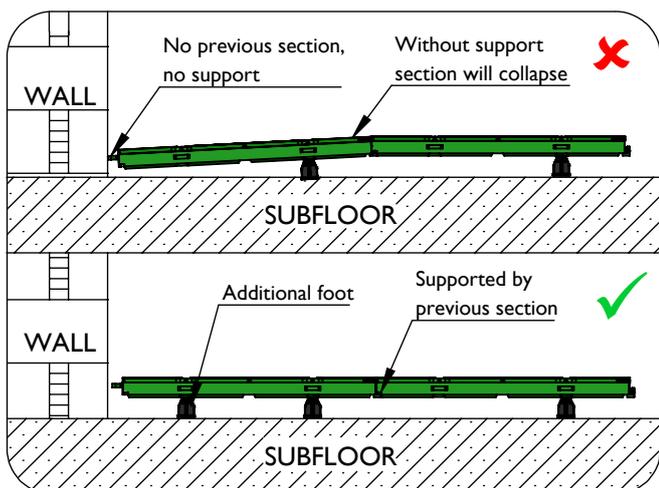
Basic installation and assembly rules



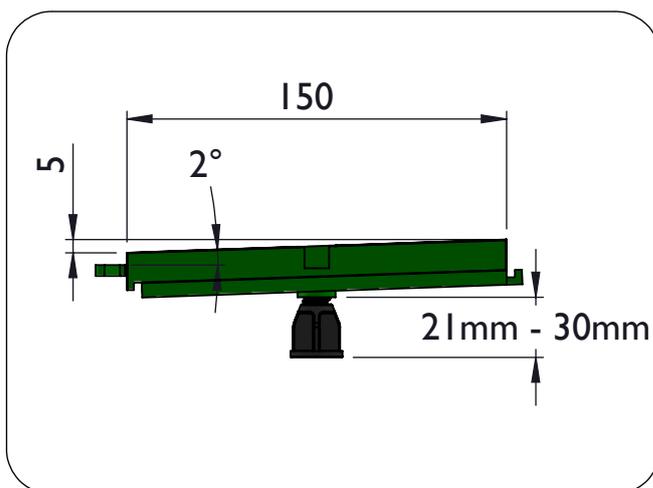
Always work in a clockwise or right to left direction when assembling.



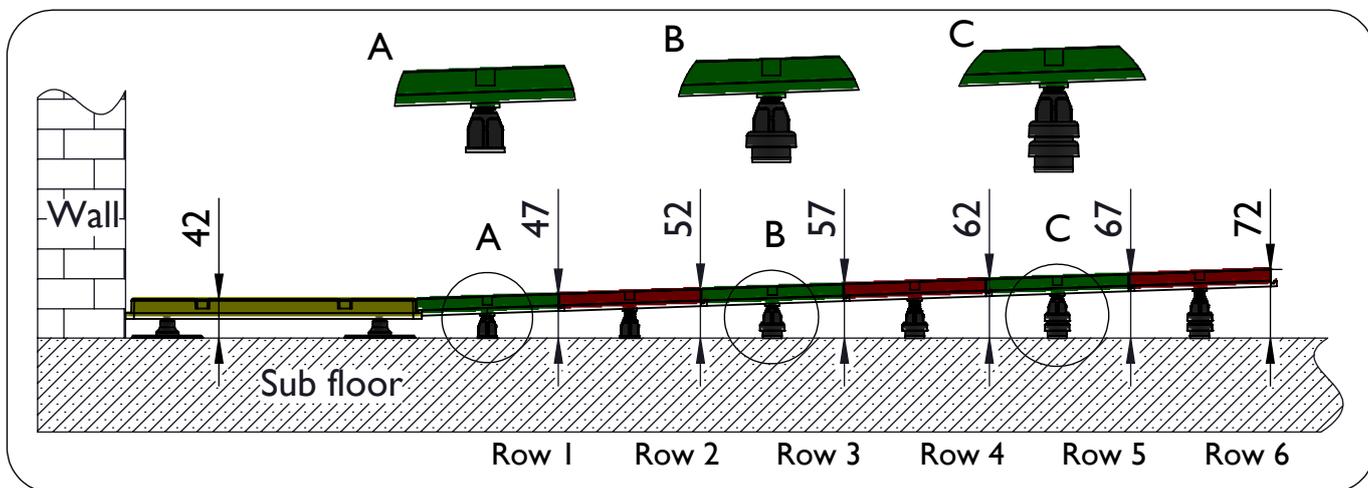
The blue corner section must always have 2 feet fitted.



When using configurations that start from a wall it is important that 2 feet are fitted to the first section to support the section properly.
(excludes SCR15L and SCR15R parts)

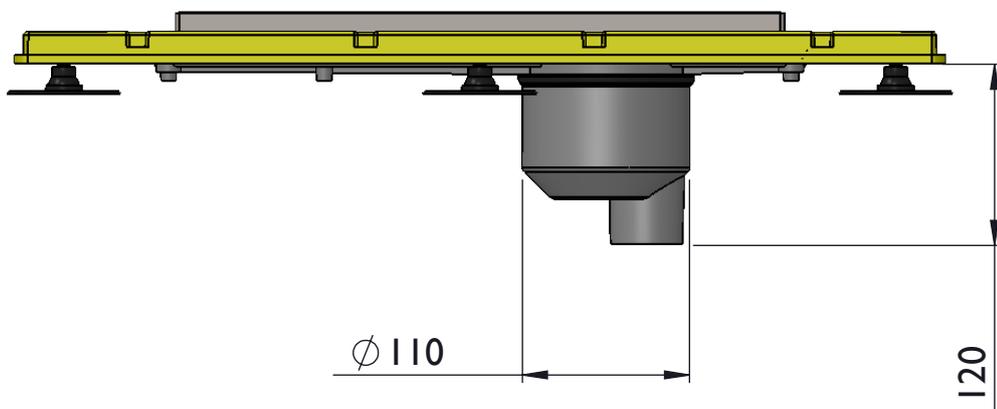
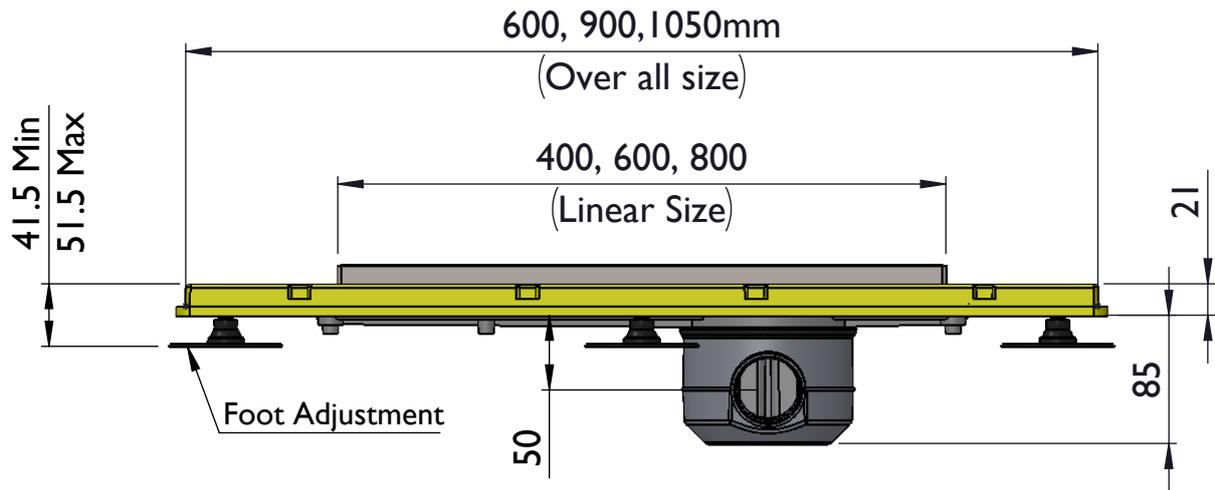


All parts have gradient slope built in, **you do not need to adjust the feet to add gradient only to adjust height.** Using these dimension it is possible to calculate the overall approximate finished depth required to install.

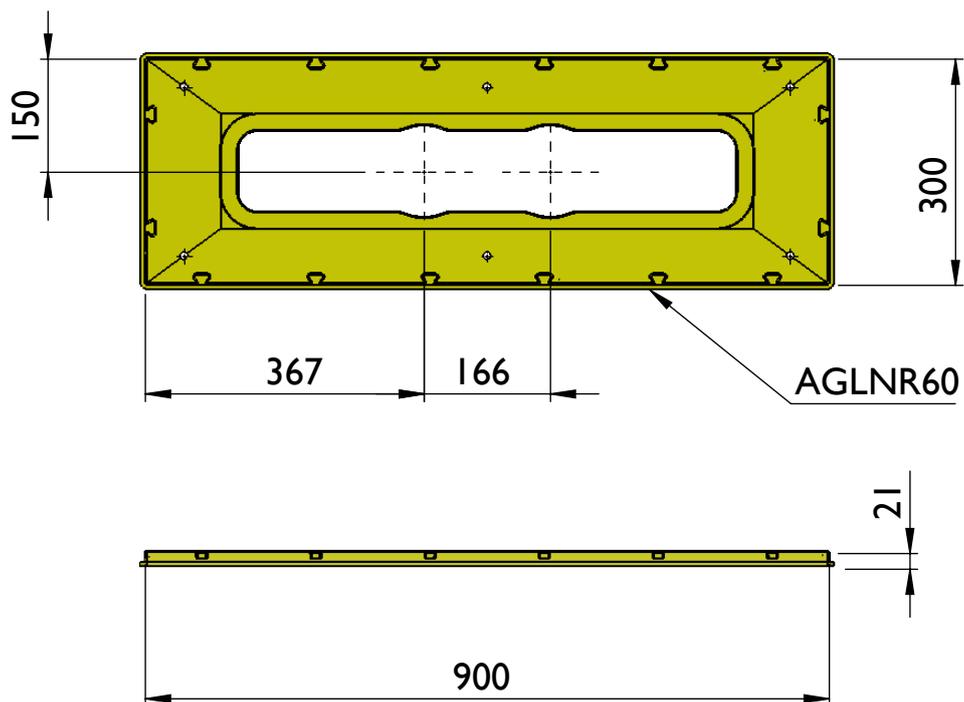
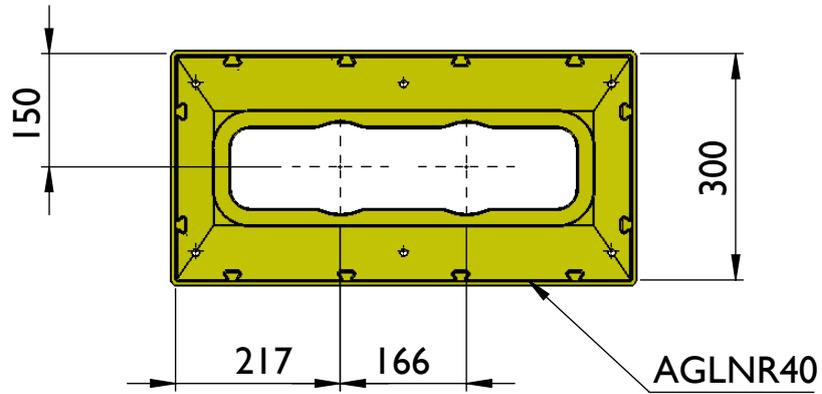


As more rows are added the adjustable feet will need to have spacers added to ensure correct gradient and levels are maintained. The general rule is to add 1 spacer to each foot for every 2 rows that are added. (see above). Extra spacers are supplied to help with subfloors that are very uneven or not level.

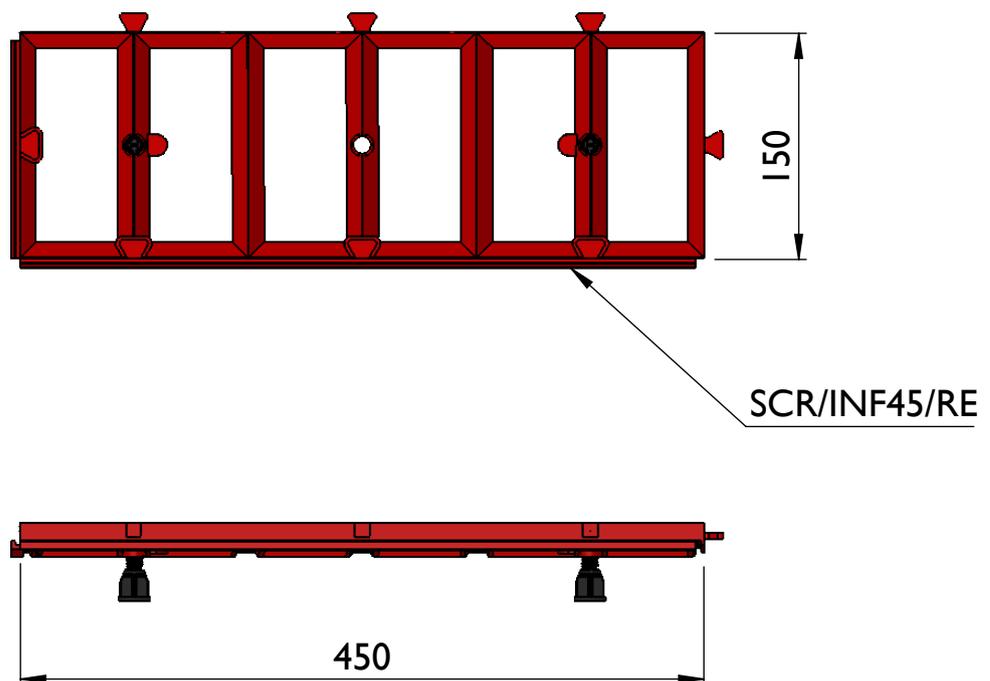
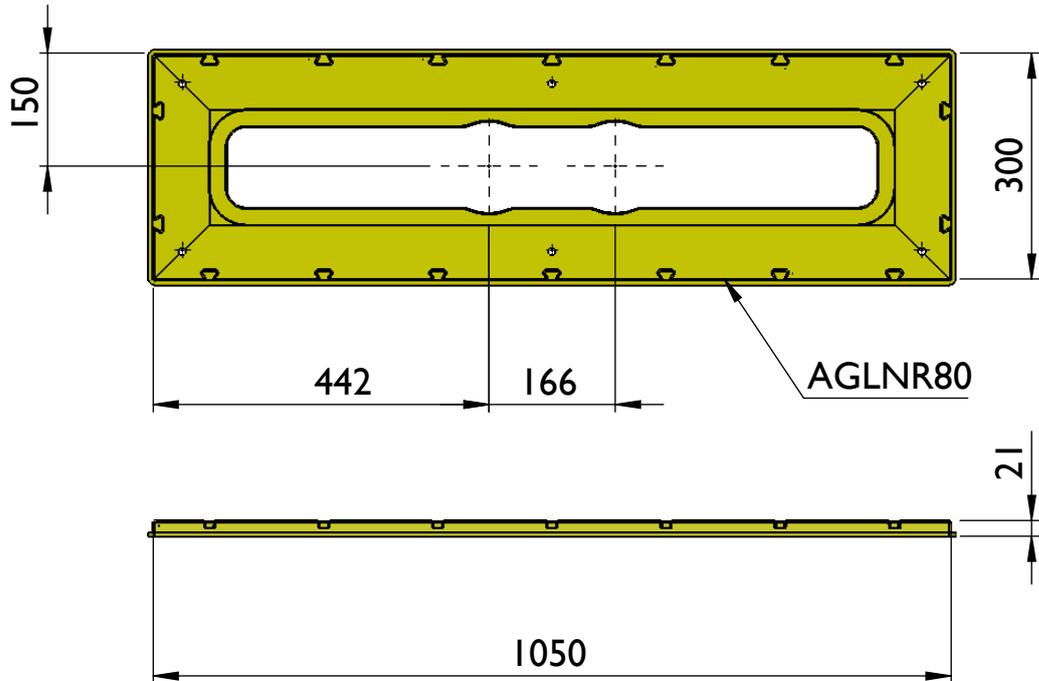
Aqua-grade Linear Technical Data Sheet Dimension Data



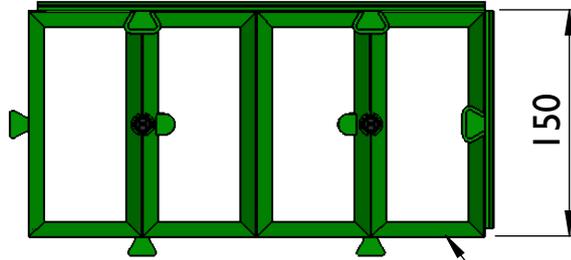
Aqua Grade Linear Technical Data Sheet Components List



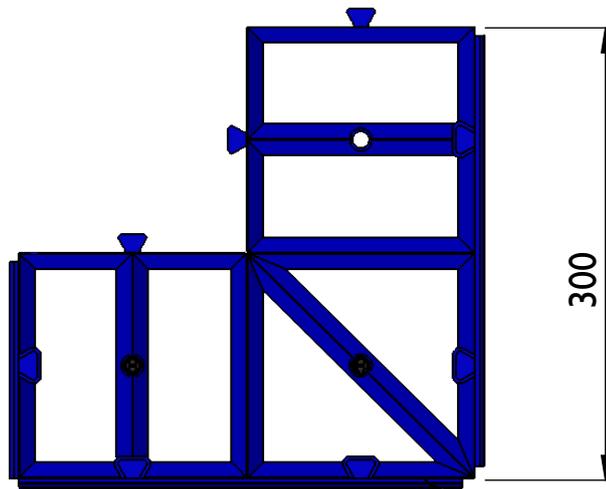
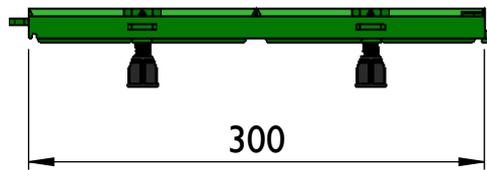
Aqua Grade Linear Technical Data Sheet Components List



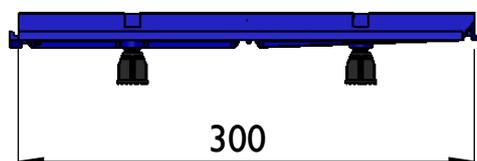
Aqua Grade Linear Technical Data Sheet Components List



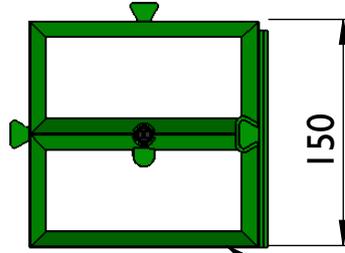
SCR/INF15/GN



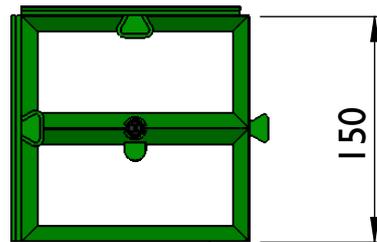
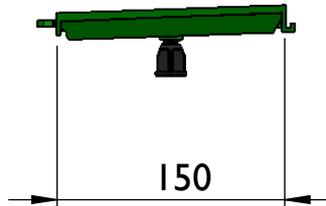
SCR/CNR30/BU



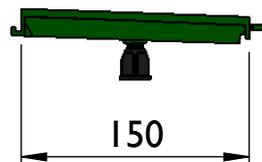
Aqua Grade Linear Technical Data Sheet Components List



SCR/INF15L/GN

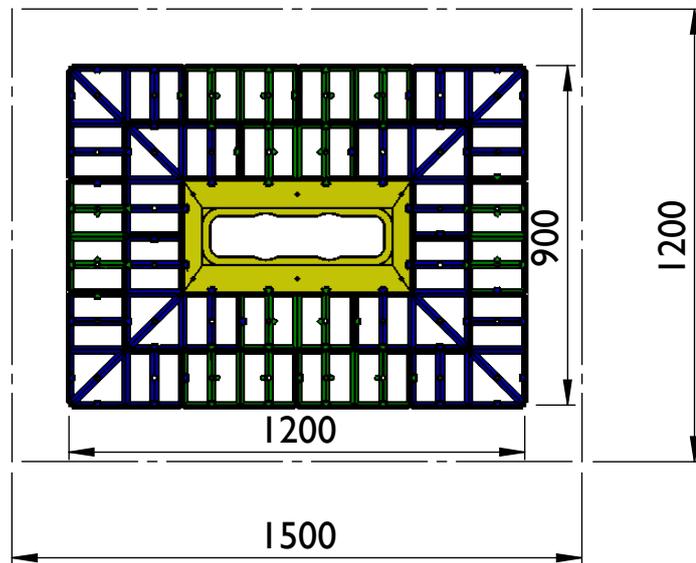


SCR/INF15R/GN



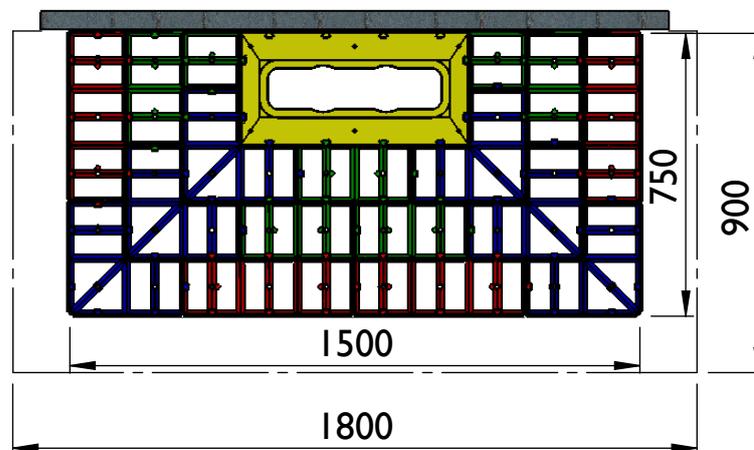
Aqua Grade Linear Technical Data Sheet 400mm Linear Drain Potential Sizes

No Walls - Four Falls



Size:	1200mm x 900mm	Code:	AG40LI2090/4F
	1500mm x 1200mm		AG40LI50120/4F

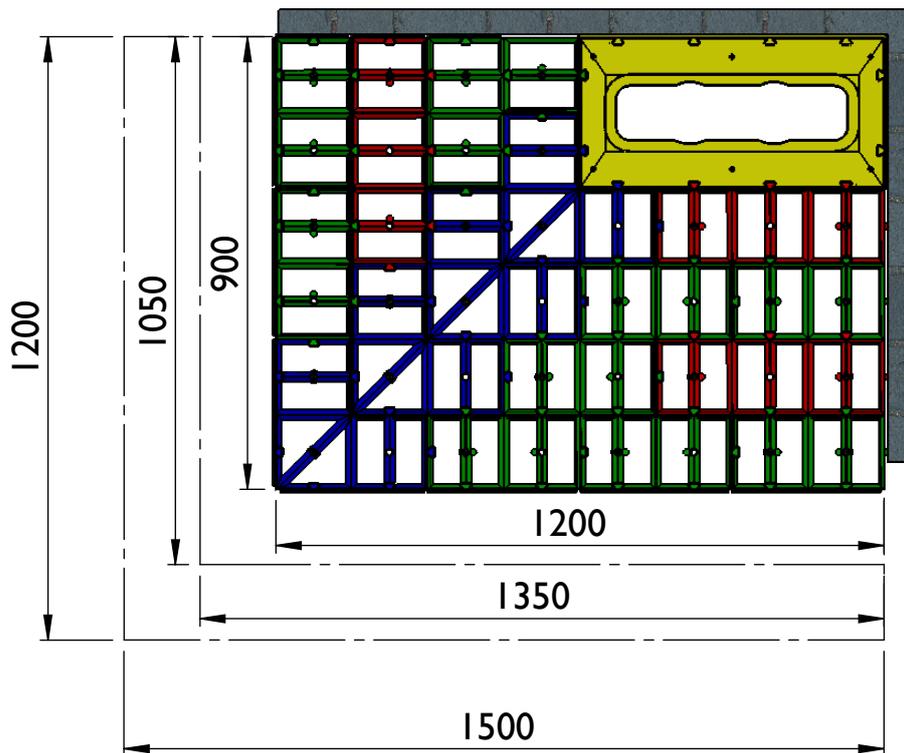
One Walls - Three Falls



Size:	1500mm x 750mm	Code:	AG40LI5075/3F
	1800mm x 900mm		AG40LI8090/3F

Aqua Grade Linear Technical Data Sheet 400mm Linear Drain Potential Sizes

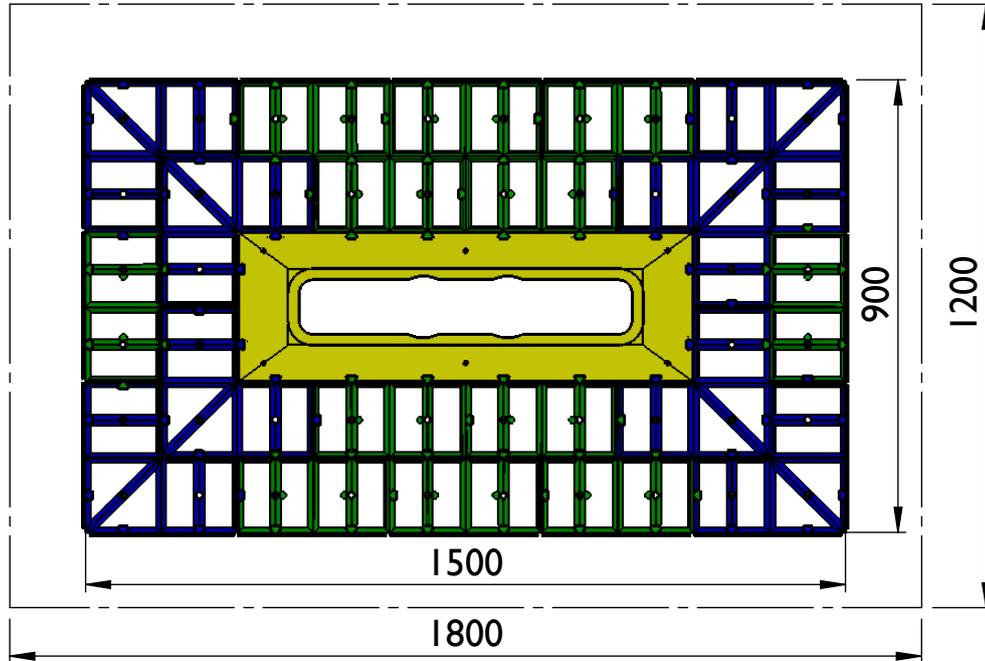
Two Walls - Two Falls



Size:	1200mm x 900mm	Code:	AG40L12090/2F
	1350mm x 1050mm		AG40L135105/2F
	1500mm x 1200mm		AG40L150120/2F

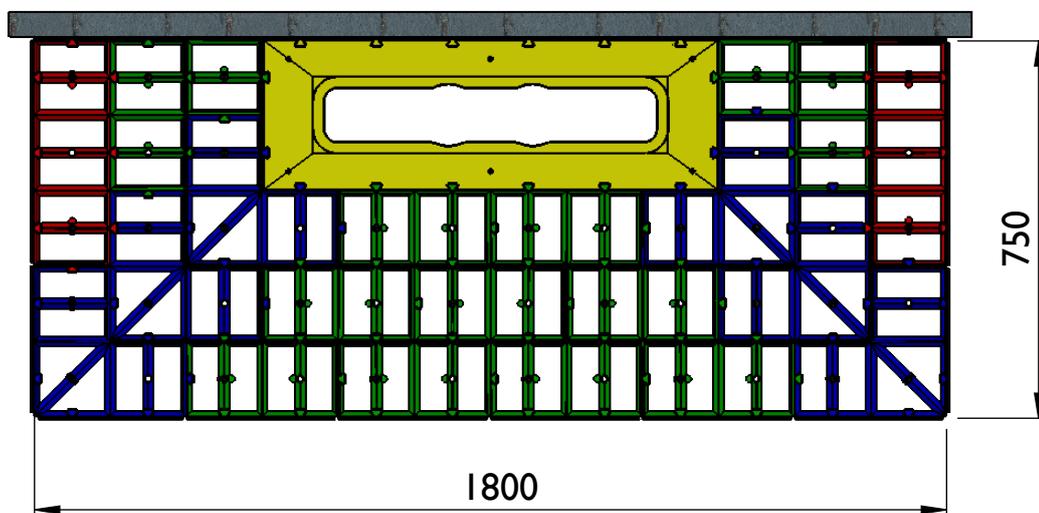
Aqua Grade Linear Technical Data Sheet 600mm Linear Drain Potential Sizes

No Walls - Four Falls



Size:	1500mm x 900mm	Code:	AG60LI5090/4F
	1800mm x 1200mm		AG60LI80120/4F

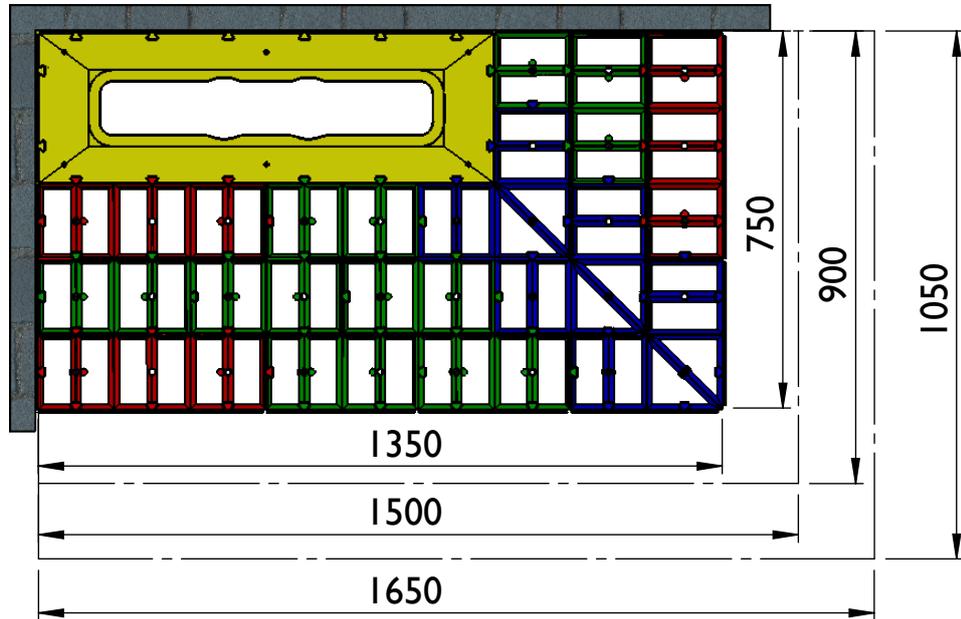
One Walls - Three Falls



Size:	1800mm x 750mm	Code:	AG60LI8075/3F
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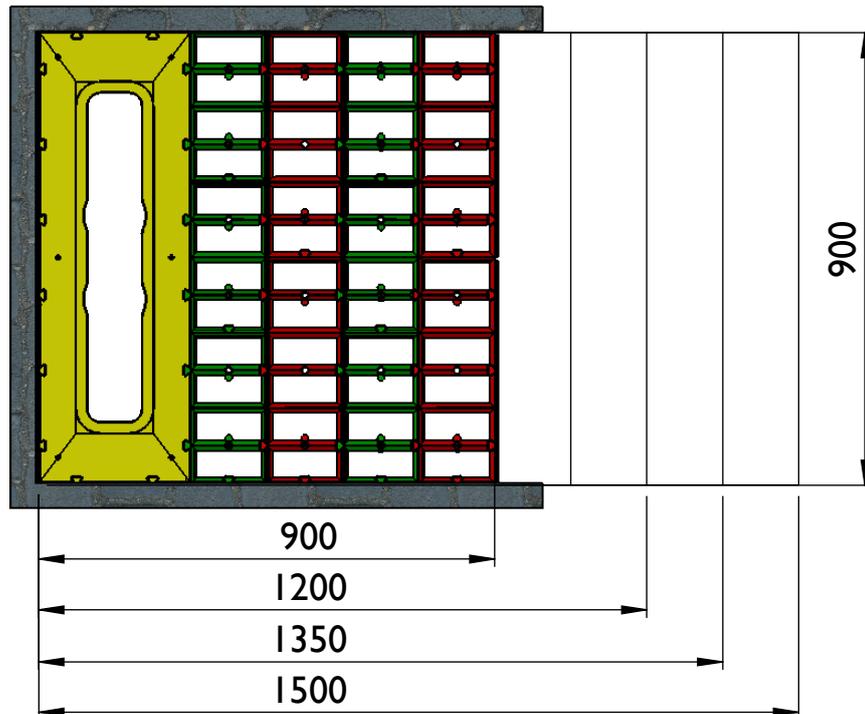
Aqua Grade Linear Technical Data Sheet 600mm Linear Drain Potential Sizes

Two Walls - Two Falls



Size:	1350mm x 750mm	Code:	AG60L13575/2F
	1500mm x 900mm		AG60L15090/2F
	1650mm x 1050mm		AG60L165105/2F

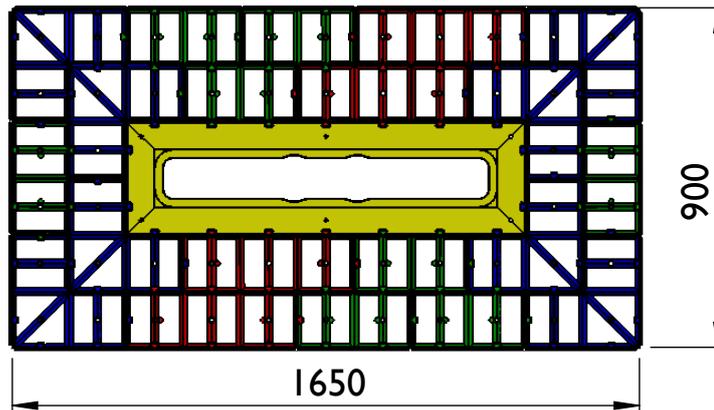
Three Walls - One Fall



Size:	900mm x 900mm	Code:	AG60L9090/1F
	1200mm x 900mm		AG60L12090/1F
	1350mm x 900mm		AG60L13590/1F
	1500mm x 900mm		AG60L15090/1F

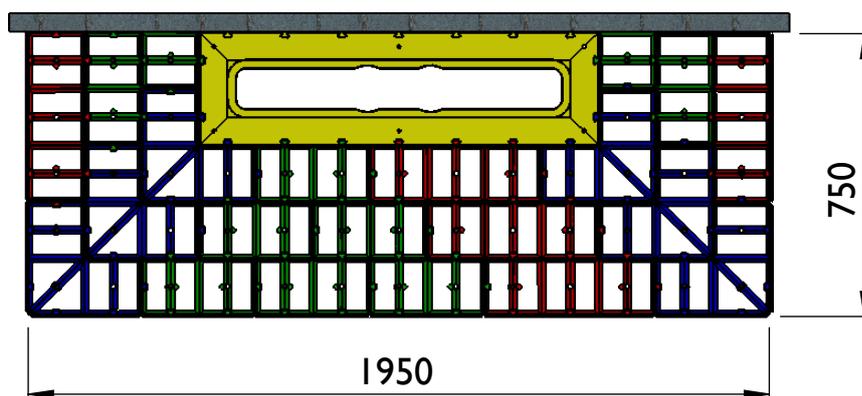
Aqua Grade Linear Technical Data Sheet 800mm Linear Drain Potential Sizes

No Walls - Four Falls



Size:	1650mm x 900mm	Code:	AG80L16590/4F
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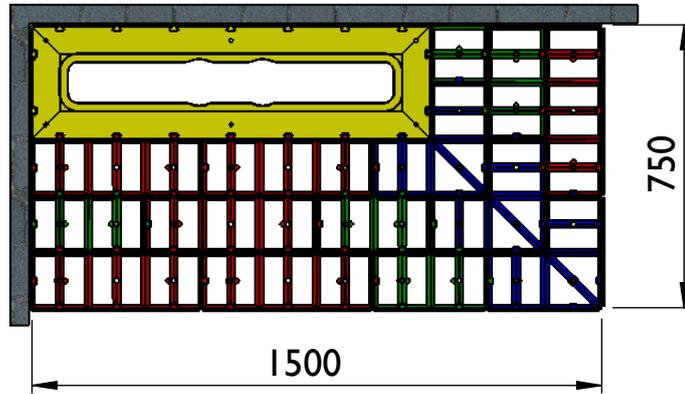
One Wall - Three Fall



Size:	1950mm x 750mm	Code:	AG80L19575/3F
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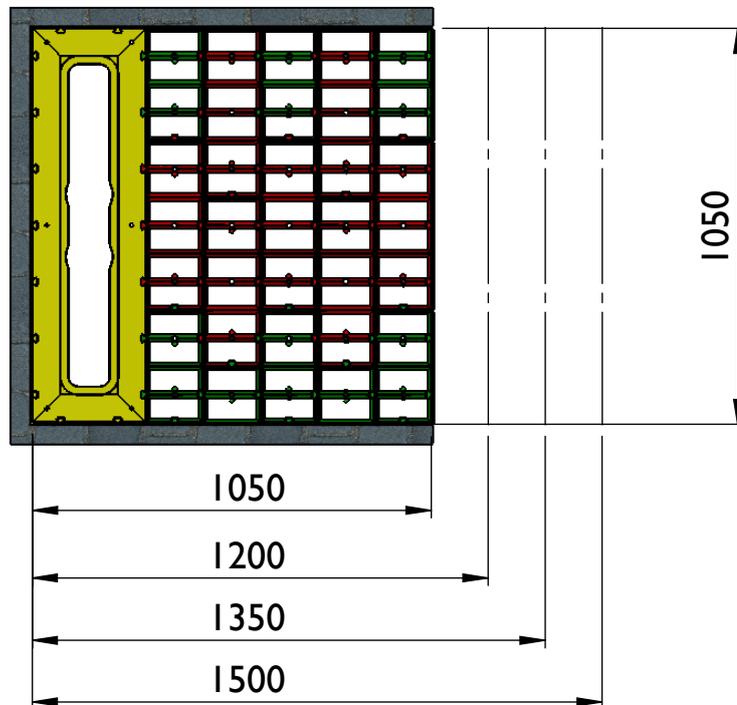
Aqua Grade Linear Technical Data Sheet 800mm Linear Drain Potential Sizes

Two Walls - Two Falls



Size:	1500mm x 750mm	Code:	AG80LI5075/2F
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Three Walls - One Fall



Size:	1050mm x 1050mm	Code:	AG80LI05105/1F
	1200mm x 1050mm		AG80LI02105/1F
	1350mm x 1050mm		AG80LI35105/1F
	1500mm x 1050mm		AG80LI50105/1F