

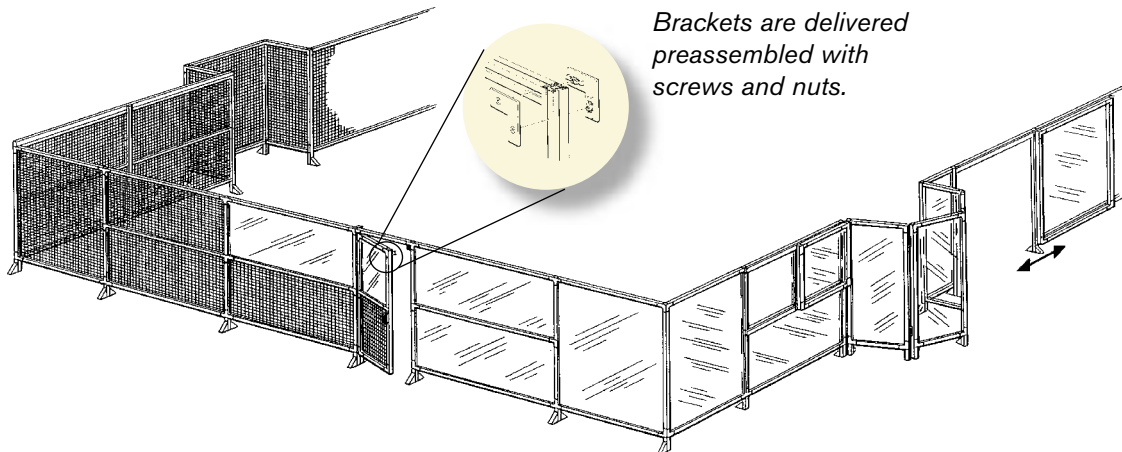
Quick-Guard® standard and SafeCAD®

Quick-Guard consists of a minimum of different components, such as aluminum profiles, patented assembly parts, net-locks, mesh, solid or noise reduction panels. Furthermore the cost for assembly and modification of the system is low. Thanks to our patented screw-lock system, we can supply all brackets premounted with fixing screws and nuts. No holes need to be drilled in the profiles and all cuts are made straight. Assembly and modification is therefore very easy.

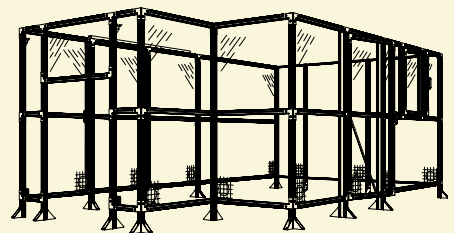
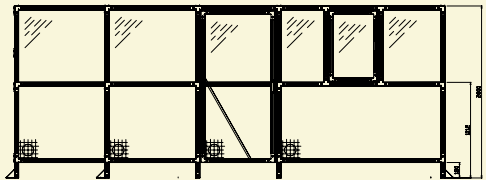
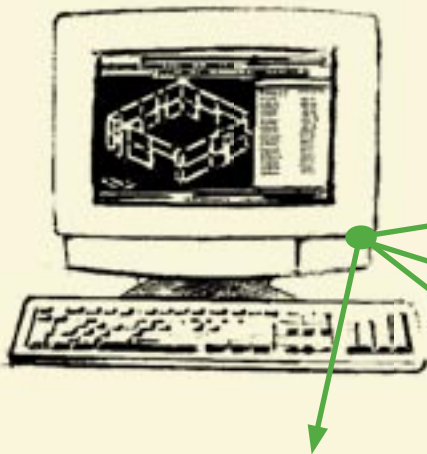
To be able to quickly and easily custom design practical safety solutions, we have developed a computer programme, SafeCAD. This is a 'plug-in' program for AutoCAD® 2000,

2002, 2004 and 2005. As input, a simple sketch of the required guarding system is used. Position of doors and hatches, choice of mesh, polycarbonate, aluminum/steel sheet or noise reduction panels is typed in. The program automatically generates 3D drawings along with component and cutting lists. These drawings are also used as the basis for assembly/erection.

It is always easy to combine Quick-Guard E with Quick-Guard to achieve a complete system. It is also easy to adjust and modify when the production equipment is modified and/or moved.



SafeCAD®

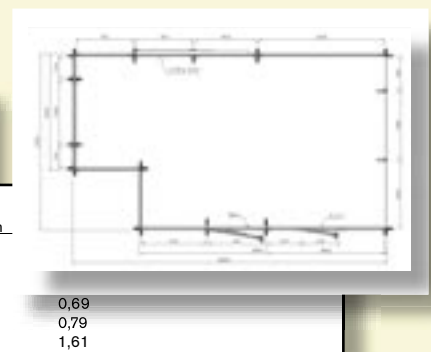


Example of component and cutting list print-outs from SafeCad.

Article no	Description	Qty	Unit
40-030-06	JSM 30B-K Floorbracket	26,00	pcs
40-030-07	JSM 32B-K L-bracket	72,00	pcs
40-030-08	JSM 33B-K T-bracket	18,00	pcs

Cutlist Polycarbonate					
Article no	Description	Qty	Length	Width	Sum m2
40-039-10	JSM YPC5A1 Pc sheet 5mm uncoloured 2020x864	1	864	2020	1,75
40-039-12	JSM YPC5A9 Pc sheet 5mm uncoloured, cut to size	1	532	1020	0,54
40-039-12	JSM YPC5A9 Pc sheet 5mm uncoloured, cut to size	1	756	504	0,38

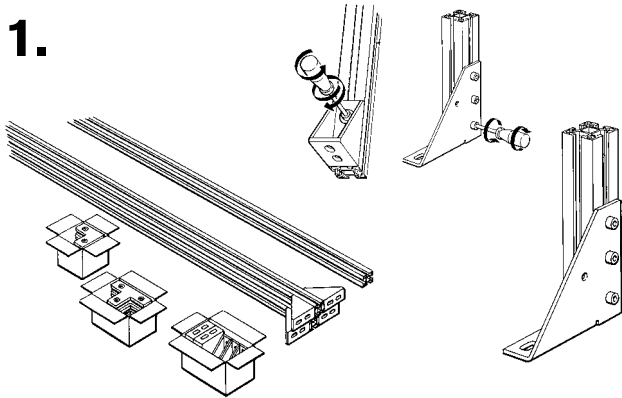
Cutlist Welded Mesh				
Article no	Description	Qty	Length	Width
40-040-13	JSM YN40W1 Welded steelmesh 40x40x3,5 black, 2020x864	1	864	2020
40-040-14	JSM YN40W2 Welded steelmesh 40x40x3,5 black, 1074x1816	2	1820	1074
40-040-16	JSM YN40W9 Welded steelmesh 40x40x3,5 black, cut to size	2	864	354
40-040-16	JSM YN40W9 Welded steelmesh 40x40x3,5 black, cut to size	1	864	804
40-040-16	JSM YN40W9 Welded steelmesh 40x40x3,5 black, cut to size	1	864	920
40-040-16	JSM YN40W9 Welded steelmesh 40x40x3,5 black, cut to size	2	864	932



Quick-Guard® Assembly, standard version

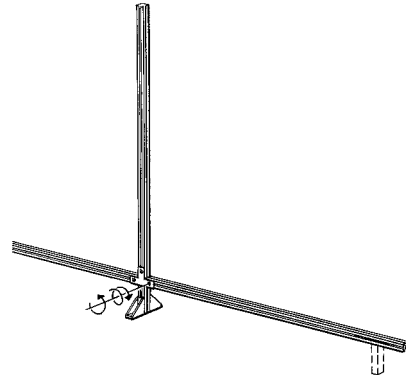
Assembly of the Quick-Guard® system is very easy. All components are very light in weight and ergonomic in form. This enables, in most cases, one man to be able to assemble both simple and complex structures with ease using very few different types of fixing components. All fixtures can be mounted easily from "outside" by using the specially designed "locking nut" which can be located anywhere in the extrusion channel. The fixture components, by means of integral locating keys ensure correct angles are achieved and enables the number of bolts/nuts to be reduced to half, that would otherwise be required.

1.



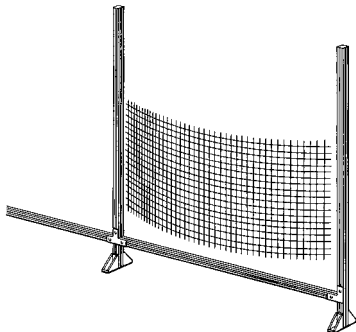
Premount floor fixtures by first loosening the screw anti-clockwise. Then tighten the screw clockwise in the usual way. The nut will then automatically locate into the correct position and mechanically lock the fixture into the profile.

2.



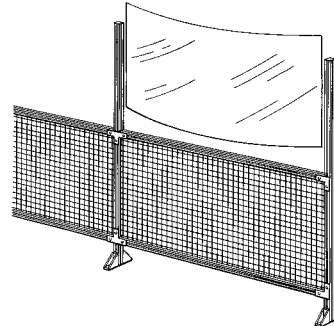
Attach lower horizontal extrusion between vertical posts. Use a distance block to ensure the correct distance from the floor.

3.



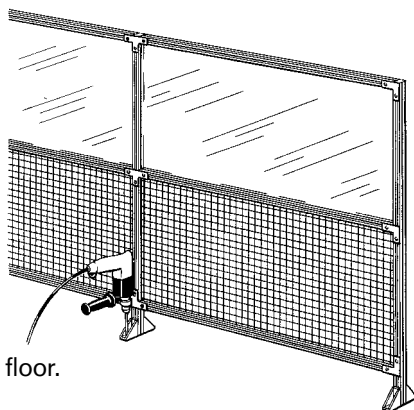
Insert infill panel and fix middle horizontal profile. The distance between the profiles is the width of the infill minus 20 mm.

4.



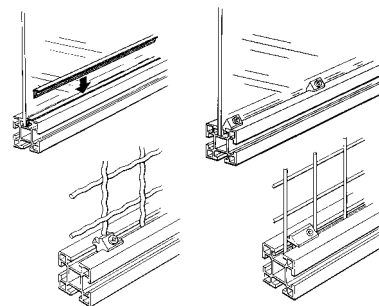
Insert top infill panel. Fix top profile with fittings on the top on both sides.

5.



Fix the poles to floor.

6.



Secure infill sheet with plastic strip or Net-lock fixings. Easy, fast and quick. See more under Assembly of net-locks.

Assembly using NL2 and NL3 Net-locks on welded mesh

NL2 Net-lock

The outer mesh wire is locked into the profile.

max 2 mm

When assembling the Net-lock NL2 it is first put into the profile as the drawing shows. Then the Net-lock is turned 90°. When cutting the welded mesh the wire ends should not be longer than two (2) mm

NL3 Net-lock

Mesh with outer wire. Mesh without outer wire.

max 2 mm min 15 mm

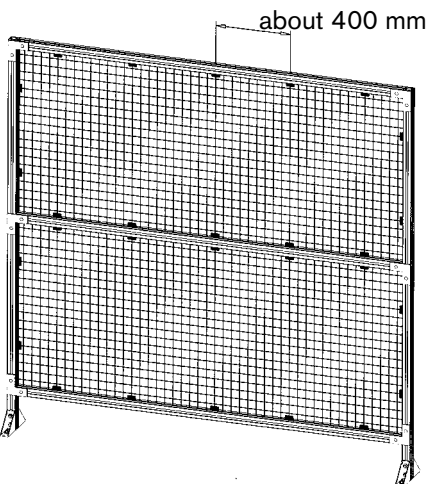
The outer mesh wire is locked into the profile. The Net-lock locks the mesh against the profile.

When assembling the Net-lock NL3 it is first put into the profile with the clutches on each side of the mesh wire. The screw is then tightened. When cutting the welded mesh the wire ends should be at least 15mm to fit into the profile. NL3 must be used to lock the mesh into the slot.

Number of Net-locks

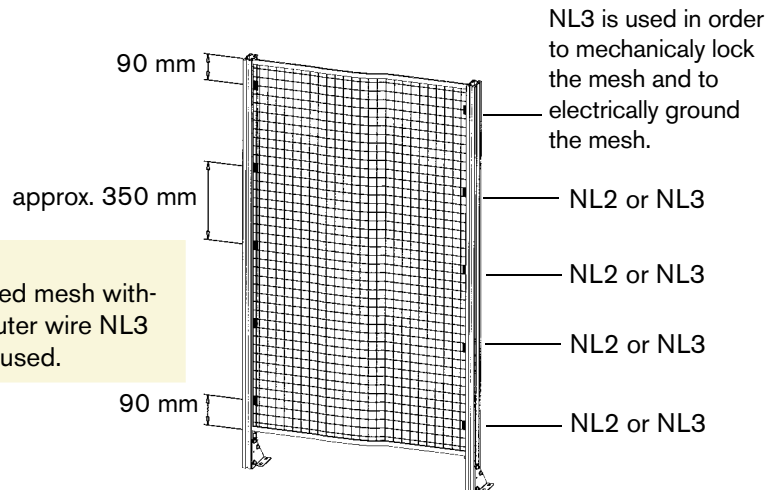
Number of Net-locks Quick-Guard standard version

On Quick-Guard standard version NL3 is recommended as it can handle mesh with and without an outer wire.



Number of Net-locks Quick-Guard E

On Quick-Guard E both Net-lock NL2 and NL3 can be used. For mesh edges without outer wire NL3 must be used instead of NL2.

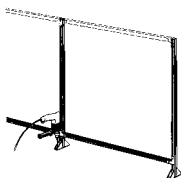


Note!
On welded mesh without an outer wire NL3 must be used.

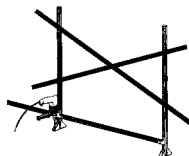
NOTE! On both Quick-Guard Standard and Quick-Guard E at least two NL3 should be used in order to mechanically lock the mesh and to electrically ground the mesh. On doors only NL3 should be used.

Fixing posts to the floor when mesh is required to be fitted at a later date.

Right



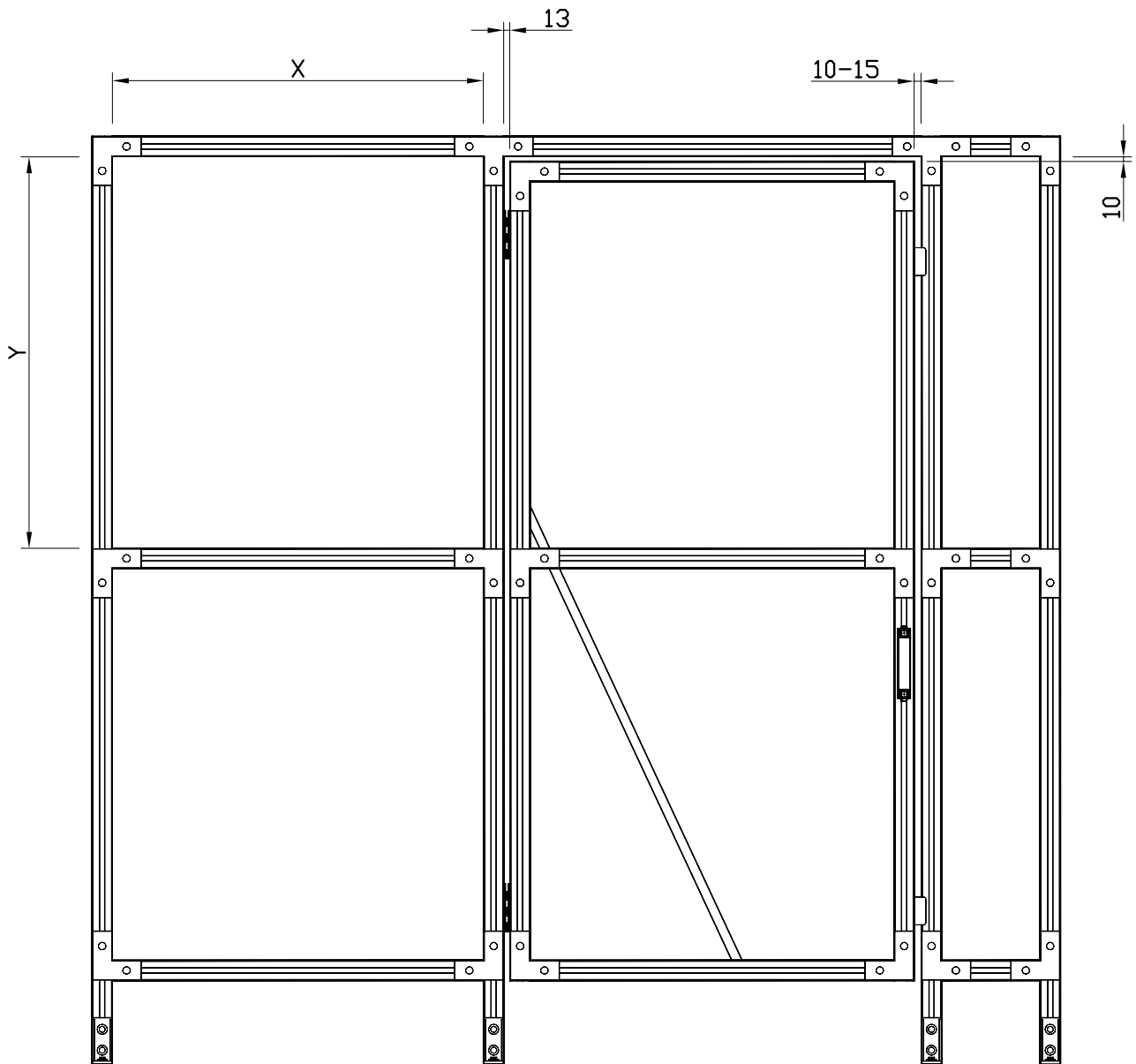
Wrong



Temporary mount at least two middle profiles before drilling and fixing posts to the floor. This method is used when infill mesh or panels are to be fitted at a later date.

Note! Never attempt to fix the posts to the floor without first connecting at least two middle profiles to ensure the posts are parallel to each other and vertical.

Dimensions for aluminum profile lengths and panels.



Material

- Polycarbonate
- Welded mesh
- Steel panel
- Sound absorbing panel 25mm
- Laminated glass
- Double Pc
- Sound absorbent panel profile JSM AS1
- Double Pc profile JSM AS2

Width

- X+20 mm
- X+20 mm
- X+20 mm
- X-37 mm
- X+15 mm
- 2 pcs. X-7
- 2 pcs. L=X
- 2 pcs. L=X

Height

- Y+20 mm
- Y+20 mm
- Y+20 mm
- Y-37 mm
- Y+15mm
- 2 pcs. Y-7
- 2 pcs. L=Y-73
- 2 pcs. L=Y-33