

SWG 600
MOBILE
PARTITIONING



SWG
Scandinavian Wall Group

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SWG600 mobile partitioning

This mobile partitioning system gives both architect and client a creative freedom in laying out rooms for all purposes. SWG600 is equally suited to subdividing small and large rooms where there is a need for acoustic insulation or parking options – it is produced in panels up to about 10 m high and retains great functional flexibility. It is a tool for making efficient use of every square metre of the building.

Even the largest panels can be moved easily and simply from their parked position to a completely flat wall with no visible profile edging. Doors can be either integrated into the individual panels or hinged on adjacent permanent walls.

Panel elements have a fully welded steel frame, affording them stability against torquing and enabling stable and easily operated access doors to be integrated in the elements. Partitions can be faced with particleboard, sheet steel or other materials, which – combined with a core of absorbent materials – secures the desired level of acoustic absorption. SWG600 is the ideal choice when you require a high standard of acoustic insulation. The tailored panels are only 100 mm thick but a 120-mm version is available – meeting the market's most stringent laboratory-tested sound rating of Rw 59 dB.

Each element incorporates telescopic seals at top and bottom exerting a pressure of no less than 2000 N, which ensures a very stable partition. The telescopic seals are operated manually or electrically with EASYmatic®. Profile edging can be with or without magnetic seals in the element joints. Where there is a need for a high sound rating, the magnetic seal ensures optimum acoustic insulation and very simple operation.



SWG's quality assurance is your guarantee of a thoroughly tested, well-functioning product. All working processes – from planning and production to assembly and fitting – are subject to strictly controlled procedures.

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SWG documentation

We guarantee that SWG600 achieves the specified sound reduction. The products have been tested in accredited acoustic laboratories and are continuously checked in our own laboratory – but sound is not something you can test only in a test environment. To ensure that acoustic penetration is below a desired level, it can be a good idea to call in an acoustics consultant at the planning stage. Sound is a lazy concept. It invariably chooses the easiest way from A to B – which is very often through the fixed framing of the mobile partition.

Another important function of the SWG600 is that it can be fire-tested to BD 30 and BD 60, i.e. the wall is resistant to fire penetration for up to 60 min. – in the case of the max. Rw 54 dB solution. For both sound and fire ratings it is important to ensure that doors and elements close correctly – to assist with this, comprehensive instructions are always supplied with all SWG solutions.

System

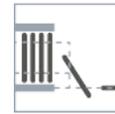
Sections are moved individually – suspended in one or two special trolleys with multidirectional wheels. Elements can be supplied with a surface finish to suit the customer's requirements – for example, painted, veneered or clad with laminate – but panelling with acoustic-regulating perforations is also one of the many standardised options for the SWG600.



N8



N2



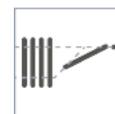
N4.1



N5



N1



N2

SWG600 specifications



Thickness of panel:
39-57 dB, 100 mm
59 dB, 120 mm
BD 30/60, 115 mm



Optimum panel width:
Approx. 1180 – 1250 mm



Max. height:
Approx. 10,000 mm
BD max. 5,000 mm



Weight per m²:
39 dB: 26 kg - 41 dB: 33 kg
46 dB: 34 kg - 48 dB: 32 kg
49 dB: 40 kg - 52 dB: 45 kg
57 dB: 60 kg - 59 dB: 75 kg



Fire test:
BD 30, BD 60
49 dB: 48 kg,
51, 52, 53, 54 dB: 60 kg.



Lab-tested acoustic rating:
39, 41, 46, 48, 49, 52,
57, 59 dB

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SWG600 is available in three versions

Our product line is available in three different models to suit customer requirements. In their fundamental form the models are in strict accordance with our own high standards – but the models differ in certain details:

SWG Basic is our basic model, at a competitive price – without being an economy model. Basic comes in a limited range of finishes and solutions but in quality and performance it matches in every respect the best solutions on the SWG Basic market – while at the same time the model carries the SWG stamp of quality.

SWG Highline is our all-options model, offering innumerable standardised special solutions which give you an incredible range of choices.

All parts of the system – from suspension accessories to closing systems and other functional solutions – are of the highest quality. SWG Highline isn't just a folding or mobile partitioning system – it brings with it an architectural solution that contributes to the overall character of the building..

SWG Design is the ultimate product. We make the impossible possible and "tailor" the wall to your wishes. For example, mobile partitioning up to 10 metres in height or special requests for choice of material, colours, design and function.

SWG 600 EasyMatic is the semi-automatic option – a powered system greatly simplifies the opening and closing process.



SWG – a partner you can trust

We began as a small family enterprise in 1981 – when a word could be trusted, and a craftsman jealously guarded the reputation of his workmanship. Although we've grown – and with SWG we cover the Nordic countries and have a foothold in the UK and Germany – we have not forgotten our roots. We still attach importance to the qualities of honesty, professionalism and a good job well done – a job that pleases and satisfies.

But don't take our word for it.

Give us a phone on +46 0662-302 65 and tell us what you're looking for. We can guarantee you the best solution the market has to offer.



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