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Maars Living Walls to launch groundbreaking soundproof glass door at NeoCon 2017

Acoustic glass sliding door ensures sound privacy

HARDERWIJK, THE NETHERLANDS—May 31, 2017—Worldwide-leading partition walls manufacturer, the Netherlands-based NeoCon-award-winning [Maars Living Walls](#), unveils a groundbreaking new product at NeoCon 2017: an acoustic glass sliding door with a seal all around that keeps sound in (and out) to ensure privacy in the workplace.

Dubbed the Acoustical Sliding Door, the unprecedented product offers a simple, elegant design. Developed by Maars' R&D team and third-party-lab tested, the solution seals the entire door for superior acoustic performance. In lab testing, the door keeps sound in (or out) up to 35 decibels (dB). When compared to a normal sliding door, this is an improvement of 15 dB, where every 3 dB is a doubling in sound insulation.

"We saw a huge need and worked with our team of R&D experts to develop a solution that is ideal for a variety of environments," said Robert Craven, Maars' USA managing director. "The opportunity for privacy and quiet afforded by this new door is incredible."



The door – ideal in corporate and education settings – is comprised of soundproof glass. Upon closure, the door seals on all four sides – top, bottom, left and right – which makes it unique in the industry.

"We believe the door is the first tested acoustic sliding door – probably in the world," Craven said. "

The door's rail system is build up in linear layers, making it very compact compared to competitors' systems. Along the top, left and right sides of the door, special sealing profiles/gaskets are used. When closing the door, a special profile catches the door in between two sealing profiles/gaskets. The bottom part of the door uses a drop seal, which is

a small metal stop on the bottom of the door with a gasket on the bottom; when the door is fully closed, it engages the drop seal, providing additional soundproofing.

“Other companies’ products might seal the left, right and bottom of the door, but then there’s a gap at the top,” Craven said. “Our door, on the other hand, is completely sealed.”

Glass sliding doors are very much in demand in the U.S. market, according to Craven. In fact, 95 percent of sliders worldwide are installed in the United States. They’re popular for their space-saving ability. But sliders in general often aren’t ideal for optimum acoustics and privacy; they can be a major sound leak.

Maars – an expert in acoustics – focuses on STC (Sound Transmission Class) performance. The company leads in global markets for acoustic walls, sliding doors and related products. Maars has its own testing lab and also has received certificates on acoustics from an independent laboratory. The Acoustical Sliding Door has a sound insulation performance in STC of 35 dB to ATSM E413-10 standard.

The Acoustical Sliding Door can be integrated in all of Maars Living Walls’ systems, including Horizon, String², Panorama and Metaline.

“With the Acoustical Sliding Door, we’re setting the standard for a new class of acoustic sliding glass doors,” Craven said. “When you experience it, it’s amazing. Come ‘hear’ it for yourself at NeoCon.”

Visit Maars Living Walls at NeoCon this June 12-14 in Booth 7-5030 at The Merchandise Mart in Chicago, Illinois, USA.

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About Maars Living Walls

Maars is the world market leader in the field of partition walls. The company combines years of experience by effortlessly merging special innovations, aesthetics and performance. Maars pushes the boundaries, continually making progress in the fields of design, soundproofing, multimedia and fireproofing. The integration of new high-tech systems and intelligent solutions in walls creates a wealth of new opportunities. Maars brings walls to life with the unique concept of Maars Living Walls. Maars offers both standard and customized solutions in, for example, offices, airports, factories, cinemas, shops and hotels. Also in the public sector, Maars has taken the lead with applications including hospitals, public institutions, universities and schools. More information at www.maarslivingwalls.com.