

## Seismic Solutions

Symbiote’s modular furniture systems offer several design solutions that add to system stability for application within areas where seismic activity is common. Symbiote products have been installed in many countries where seismic is a safety concern. In addition to details integrated into the product design, Symbiote has developed a variety of add-on solutions for standard and custom applications used in earthquake-prone areas.

The safety of modular furniture design during an earthquake depends on various factors, including the design, construction, and materials used, the magnitude and duration of the event, and the precautions taken beforehand. Well designed and sturdy furniture is more likely to withstand seismic damage. Heavier and robust furniture is generally safer, along with a lower center of gravity to reduce tipping over.

Symbiote has developed and incorporated precautions against seismic shaking into the product design. Hung components are designed using left and right-handed bracketry that secure the product installation to act as a monolithic construction, thus preventing accidental dislodgement. Additionally, several components allow for additional screws to further secure their installation. Lastly, we offer anchoring brackets and straps to securely fasten our product to the building floor and/or wall structure if desired or if required by local codes.

