

HOW IT WORKS

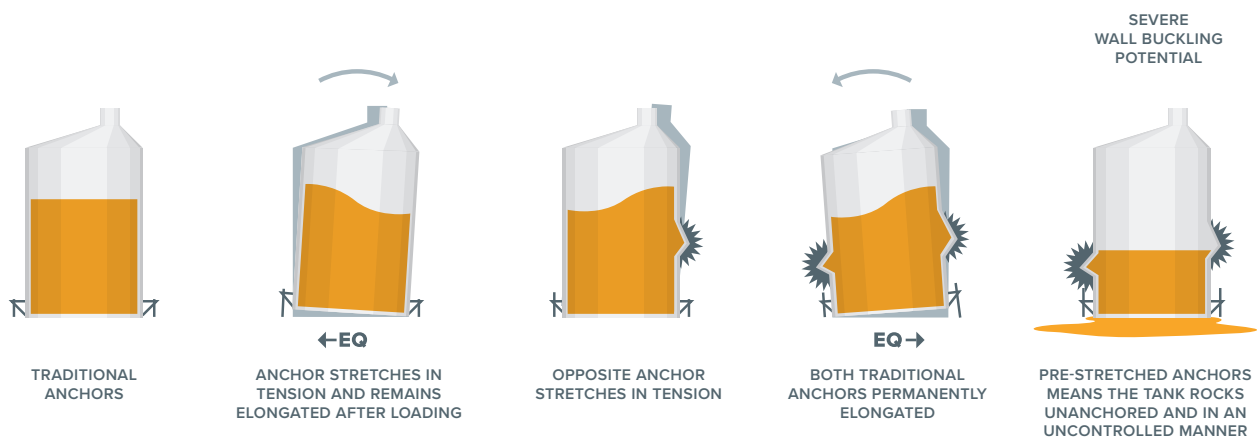
Whether specified from the ground up or retro-fitted to existing tanks, ONGUARD offers performance, protection and peace of mind.

The ONGUARD anchors are attached to the tank around its base and connected to the tank's foundation. During an earthquake, they hold the tank securely to its foundation whilst dissipating seismic energy through intentional yielding of elements within the anchors.

Unlike traditional tank anchorages that only work in a one-pull, tension-only manner (and are prone to fail after a single earthquake pulse), ONGUARD anchors provide controlled yielding in both tension and compression throughout the cycling of an earthquake and its aftershocks.

The energy-dissipating element within each ONGUARD anchor acts like a seismic fuse. Once the fuse has done its job it can be quickly, easily and cheaply replaced (if needed) using everyday tools and with no specialist skills or experience. ONGUARD's Tygr Eye[®] telemetric monitoring system provides data on the condition of the fuses after an event and specifies which, if any, need to be replaced, with no need for time-consuming inspections.

TRADITIONAL...THE PAST





ONGUARD...THE FUTURE

