



# Assmann Tank Restraint Systems

A White Paper from Assmann

Assmann offers two types of restraint systems for our polyethylene chemical storage tanks: passive restraints, and wind load or seismic restraint systems. The purpose of these restraints is to provide stability to secure storage tanks in place, preventing spills, movement, and overturning—especially in areas prone to seismic activity or high winds. Read on to see how Assmann restraints can protect your investment.

## Passive Restraints

Passive restraints are designed to keep the base of your storage tank from shifting around. Each passive restraint consists of a steel band that wraps around the base of the tank, with multiple legs to anchor into the concrete below. Because passive restraints prevent shifting, they're ideal for mixing vessels and for tanks that are mounted onto portable skid systems.

*Passive restraints carry no type of wind load or seismic rating.*

## Wind Load or Seismic Restraint System

Wind load restraint systems and seismic restraint systems prevent tanks from overturning in inclement conditions. Each restraint system consists of multiple equally spaced anchor posts around the base of the tank and a cable attached to the top anchoring point. Assmann wind load or seismic restraint systems are certifiable by professional engineers anywhere within the contiguous U.S.

*Assmann Corporation offers site specific calculations to keep up with current building codes. We offer PE stamped calculations in a variety of states.*

Questions? Contact us to talk about specific weather conditions and how to protect your investment.



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