

# SPECIAL SEISMIC CERTIFICATION CERTIFICATE OF COMPLIANCE

## Equipment Manufacturer

**Manufacturer:** Pio by AutoStore AS  
**Model Line:** Pio P-Series  
**Product Type:** Warehouse Storage Systems  
**Address:** Stokkastrandvegen 85  
 5578 Nedre Vats, Norway  
**Phone:** +47 52 76 33 00  
**Website:** <https://pio.com/>

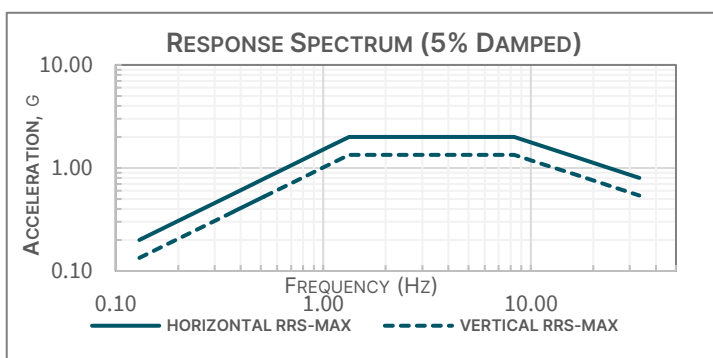
## Certification Agency

**Issue Date:** 19-Jun-2025 (Revised 7-Jun-2026)  
**Expiration Date:** 19-Jun-2031  
**Agency Name:** Pre Compliance  
**Address:** 324 NW Hill Street  
 Bend, Oregon 97703  
**Phone:** (541) 241-2310  
**Website:** [www.go-pre.com](http://www.go-pre.com)

## Seismic Certification Parameters

**Method of Certification:** Analysis and Testing  
**Assessment Standard:** ASCE 7-22  
**Mounting Configuration:** Base Mounted - Rigid  
**Building Codes:** IBC 2024  
**Importance Factor ( $I_p$ ):** 1.0  
 **$S_{DS}$  for  $z/h = 0$ :** 1.20, 1.45, 1.50, 1.75, 2.0 g

**$A_{flx-h}$ :** varies       **$A_{flx-v}$ :** varies  
 **$A_{rig-h}$ :** varies       **$A_{rig-v}$ :** varies



## Certification Terms

- For specific models covered under this certification, see Table of Certified Components and Subcomponents accompanying this certificate. Certification is based on Pre Compliance qualification report QR241460-01.
- For products with  $I_p \geq 1.0$ , the product is expected to retain position following the design earthquake and is not expected to pose a threat to life and limb.
- For components with  $I_p = 1.5$  and certified by testing, the component is expected to remain operational following the design earthquake. Limited structural yielding is expected and minor repairs may be required.
- This certification is dependent on proper mounting and anchorage in the listed mounting configuration(s). This certification does not specify anchorage design due to the variability of supporting structure and substrate conditions that may be present at the installation location.
- Certified products are approved for the Building Codes listed and previous editions of those codes. Extension of this certificate to other Building Codes requires assessment of parameters by Pre Compliance. The seismic levels listed are valid for all soil types and seismic design categories.

## Approval

I attest that I have impartially reviewed the documentation supporting this special seismic certification and have confirmed it is in general conformance with the referenced codes and standards.

**Signature:**

**Name:** Andy Coughlin, SE  
**Title:** Principal Engineer  
**Email:** [andy@go-pre.com](mailto:andy@go-pre.com)  
**Phone:** (415) 635-8461  
**License:** S6082 (California)

