

DriftReady™ Stairs



Stable at rest - yet flexible when a building moves, DriftReady Stairs is a patented solution that accommodates seismic movement and interstory drift, unlike standard stair systems that act like a brace and transfer damaging forces back to the building. During a seismic event, the flexible connectors of DriftReady Stairs allow relatively free movement between the stair tread assembly and landing. This movement allows for minimal disruption to the system and surrounding structure - a key factor to safe egress during and after a seismic event.

Features

- Seismically resilient stair system with patented technology
- Safe solution for occupant and first responder egress and ingress during and after a seismic event
- Eliminates stair connection failures caused by earthquakes
- Reduces the transfer of damaging force back into the structure itself
- Ensures vertical load carrying capacity
- Pre-fabricated off-site

Building Segments

- Multi-story projects in seismic areas
- High-rise projects susceptible to inter-story drift from wind loads
- Egress stairs
- Entrances
- Offices
- Multi-family apartments
- Industrial

DriftReady™ Stairs

Product Details

- Flexible connectors allow relatively free movement between stair tread assembly and landing during rotation and transverse movements

Railings

- Standard 1/2" (12.7mm) picket or optional wire mesh infill with 1 1/2" (38.1mm) top and bottom rail posts
- Custom railing available

Finish Options



Interior
Gray Primer



Exterior
Galvanized

See all finish options online at c-sgroup.com.

Certifications/Testing

- Two shake table testing programs conducted at the Earthquake Engineering Laboratory at the University of Nevada, Reno
- Tested to allow up to 4% interstory drifts without impacting the stair or surrounding structure
- CS has designed, developed, and tested solutions in collaboration with Seismic Isolation Engineering (SIE) to reduce and eliminate the unintended consequences conventional stair systems impose to structures during a seismic event, such as:
 - Transfer of forces to unprotected areas of a structure
 - Connection failures
 - Compromised egress/evacuation routes
- Pre-engineered to meet building codes in every state

Warranty

- One-Year Product Warranty



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