



REDEFINING DISASTER RESILIENCE

For Residential and Commercial Buildings



Proven Performance in Any Condition

SEISMIC ENDURANCE CAPABILITY

Build with confidence in any seismic zone. Nudura ICFs emphasize life safety and structural resilience through compliance with stringent building codes like IBC, NBCC and Eurocode 8. Our cutting-edge design has been tested and certified to meet the ASTM E2126 standard, proving its applicability for Special Reinforced Concrete Shear Walls (SRCSW). This demonstrates the system's capacity to handle both in-plane and ductile out-of-plane seismic loads, reducing structural damage and protecting occupants.

TORNADO & HURRICANE SHELTER PROVEN

Nudura ICFs can be designed to withstand winds up to 250 mph (402 kph) and offer exceptional impact resistance to wind-blown debris. Our wall systems meet FEMA 320, FEMA 361 and ICC 500 standards for hurricane and tornado shelters. The concrete core and steel reinforcement provide superior anchorage to resist extreme winds and uplift forces.

UL/ULC 4-HOUR FIRE RESISTANCE

Nudura walls are built with steel-reinforced concrete and fire-retardant polystyrene foam, providing a fire protection rating of up to 4 hours (per UL 263/CAN ULC-S101/ASTM E119). Enables use of Nudura ICFs throughout fire-rated wall assemblies in Types I through IV Construction (USA) and Non-combustible Part 3 compliant structures (CAN).

PROGRESSIVE COLLAPSE & ANTITERRORISM RESISTANCE

Engineered to endure and resist progressive collapse, our systems meet established design criteria for critical facilities, including compliance with Department of Defense (DoD) standards UFC 4-010-01 and UFC 4-023-03. Nudura also provides enhanced protection against blast events, aligning with antiterrorism and force protection design standards.



Mexico Beach House, Florida
Survived Hurricane Michael in 2018



Muldraugh/FEMA ICC 500 Storm
Shelter, Muldraugh, Kentucky

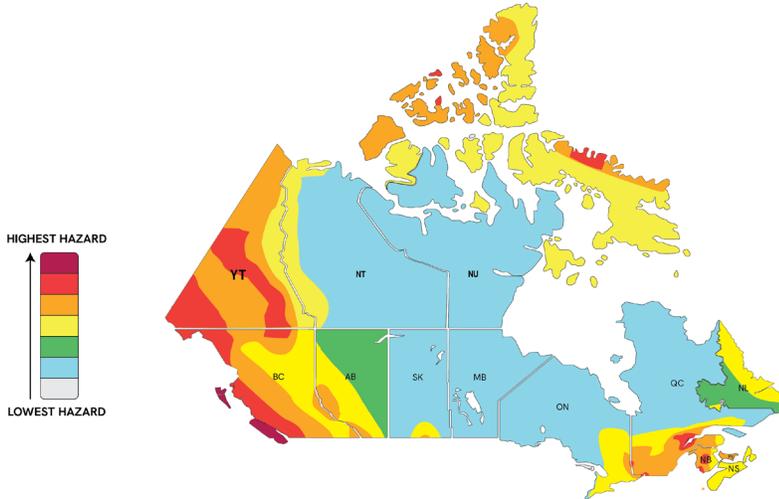


Morris Home, Superior, Colorado
Rebuilt with Nudura ICFs after
Marshall fire in 2021

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Seismic Zones Map Canada

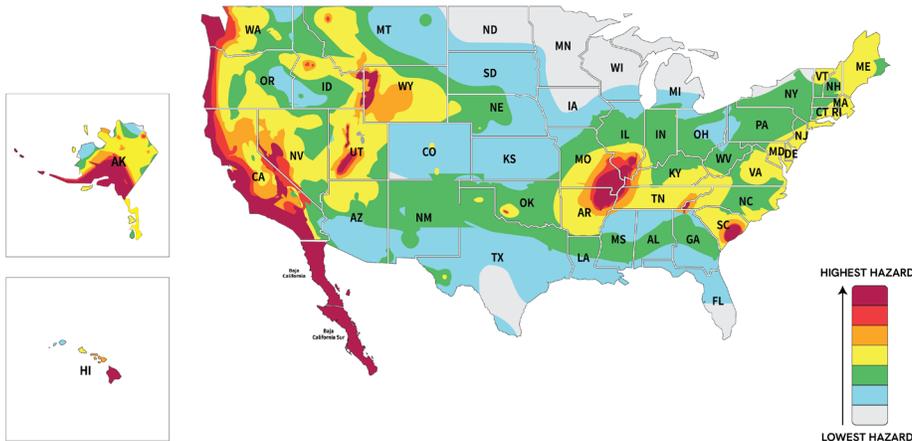


Schofield NBC Barrack, O'ahu, Hawaii
Designed to be DoD UFC 4-010-01



Divi Little Bay Hotel, St. Maarten
Designed to U.S. and Euro Seismic Code

Seismic Zones Map United States



Liberty High School ICC 500 Storm
Shelter in Lubbock, Texas



Bluffs Residence
Pismo Beach, California



Parker, Florida House
Parker, Florida



Breckenridge Home, Colorado
Annual snow fall between 24'-29'