

dampers, Pall Friction Dampers, performance, energy dissipation, damping, Boeing Commercial Airplane Factory, friction damper, Friction Dampers, performance-based, seismic protection, steel frame building, modern buildings, Pall Friction Damper, Seismic Rehabilitation, cross bracing, Benefit-cost analysis, major earthquake, earthquake resistance, Canada, primary structure, major earthquakes, damage control, elastic structure, steel frame buildings, Sainte Hyacinthe, Seismic Upgrade, Canadian Conference, Seismic Rehabilitation of Hotel Dieu Hospital, Earthquake Engineering, Auckland, New Zealand, Pall, Police Headquarters, Moscone West Convention Center, residential buildings, World Conference  
Performance-based design using pall friction dampers-an economical design solution