

Structural Insulated Panel Missile Testing

Conducted in 2018 by NTA Inc. on behalf of SIPA

Missile Test Summary. Structural insulated panels have been subjected to the third-party “missile testing” required for approval in Florida’s High Velocity Hurricane Zone (HVHZ). The test panels were struck by Southern Pine “missiles” approximately 8 feet long fired from a cannon at the designated distance and speed. The SIP specimens recovered with minimum deflection. Panel cracks were well within the maximum size allowed. Upon testing, air infiltration was acceptably low and there were no signs of water infiltration.

Based on the successful “missile test” results, structural insulated panels are officially approved for construction in Florida’s High Velocity Hurricane Zones.

Test Photos.



