



TECHNICAL DATA

With the Force 12™ system, Hende Enterprises, Inc. offers more than just an exceptional product. We offer the engineering expertise required to meet proper specifications for each installation. We recognize installation as a critical component of Force 12™ performance; therefore, Hende has structural engineers available to provide site specific engineering for your custom projects.

Force 12™ has passed the large and small missile impact test in Miami Dade County Florida, as well as ASTM standard test, clearly substantiating the exceptional structural integrity and durability carefully designed into every aspect of this innovative system. The Force 12™ certified test specifications below confirm the product's superior strengths.

STATIC AIR PRESSURE:

Design load +/- 60 psf. Test specimen taken to 90 psf with no resultant weakening of the test specimen.

IMPACT TEST – LARGE MISSILE:

A 2"x4" board weighing 9 pounds impacted at speed exceeding 50 feet per second demonstrated no penetration or damage to test subject. Maximum test required impact of a specimen, once in the corner and once in the middle with a large missile.

The Force 12™ screen was struck three times in the same location with no resulting damage or weakening of the test specimen.

FATIGUE LOAD TEST:

Design +/- 60psf. with no weakening of the Force 12 system was noted.

TESTING STANDARDS:

All of our hurricane protection products have tested and passed ASTM protocols E330, E1886, E1996-02 as well as meeting protocols PA/TAS 201, 202, and 203. Approvals have also been acquired for Florida Building Code and Texas Department of Insurance requirements as noted below for each product.

100 SERIES DIAMOND SCREEN:

Florida Building Code #[FL-8472](#) and Texas Department of Insurance #[SHU-152](#).

500 SERIES STRAP/BUCKLE:

Florida Building Code #[FL-8982](#), Florida Building Code (HVHZ) #[FL-18462](#) and Texas Department of Insurance #[SHU-98](#).

700 SERIES ROLLING SCREEN:

Florida Building Code #[FL-11132](#) and Texas Department of Insurance #[SHU-181](#).