

## Performance based specifications and Field Quality Assurance

Specifications should require compliance with the field quality assurance criteria enforceable by NFPA 80 and Nationally Referenced Standards and Codes seen below. DHSI 's patented frame seals, door bottoms and thresholds are a sealing system that can show evidence of compliance to these criteria now required for inspection of fire doors by building inspectors and fire marshals:

1. We are the only company that warrants our products as an operating system, field compliant with NFPA 80.
2. DHSI warrants no light shall pass the frame perimeter (per the integrity requirement of NFPA 80).
3. DHSI warrants no filing of a strike plate will be required to relieve binding of the lever and reduce torque ( per NFPA 80 =no field modifications of fire tested components is allowable).
4. Tests conclude DHSI sealing systems do not exceed torque on the lever to exceed 15 inch pounds (per Life Safety 101 and ADA).
5. DHSI has the highest STC ratings, as a field verified operating system, and meets codes such as California Title 24.
6. DHSI warrants the adhesive will not fail and the frame seals will not come off the frame.

**ACTIVE  
LINK**

***View entire CSI based specifications at <http://dhsi-seal.com/specifications.htm>***

## DHSI Program of Field Quality Assurance

Use DHSI Architectural Details for submittals to confirm the options and sizing for your hardware as well as your doors. Two sets of educational forms are available, creating an audit trail of installation and code compliance, reducing punchlist items and costly callbacks for the GC.

"Examination" Section 3.01 in Specifications:

1. How to inspect for clearances required by "Industry Standards".
2. How to detect errors in machining prior to hanging: installation techniques to avoid common errors causing problems or violate codes as found in NFPA 80, NFPA 101, ADA.

**ACTIVE  
LINK**

***View the forms complete at <http://dhsi-seal.com/inspectionforms.htm>***

The DHSI "Quiet Latch Sealing System", as found on our website:

- A complete sealing system with all component products warranted as field compliant to the inspection guidelines of NFPA 80 2007 as an operating system.
- Products Designed to work under industry allowable field conditions

**Architects, Spec Writers, Designers:**  
E-mail DHSI your Specifications & Hardware Schedules and they will be edited for "Performance Specifications" and be returned with changes highlighted in **yellow** for your review.

**Other products are available. Consult DHSI.**

**ACTIVE  
LINK**

***Go online for full color brochure at <http://dhsi-seal.com/brochure.htm>  
From the cover page, quickly navigate the **ACTIVE LINKS** shown.***

10

**DHSI**  
**DOOR AND HARDWARE SYSTEMS, INC.**

CAT-10 2-01-08 copyright

Contact Person: Robert Rissone, President

17 Silver Street, Rochester, New York 14611 TEL (585) 235-8543 FAX (585) 235-0431  
Website: [dhsi-seal.com](http://dhsi-seal.com) e-mail: [info@dhsi-seal.com](mailto:info@dhsi-seal.com)