

GEARED CONTINUOUS HINGE CYCLE TEST



**SELECT
HINGES®**

SELECT Products Limited

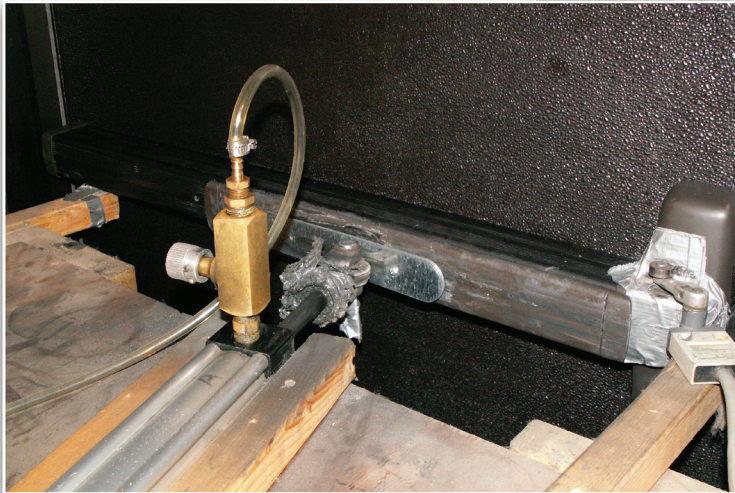
**SELECT hinge surpasses
25,000,000 cycles at
Architectural Testing, Inc.**

ANSI A250.4-1994 TEST PROCEDURE

REPORT NO. 47291.13-201-44



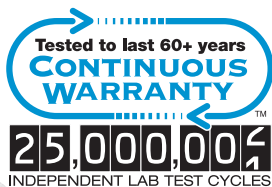
Above: Front view of FRP door and channel iron framework assembled for cycle testing.



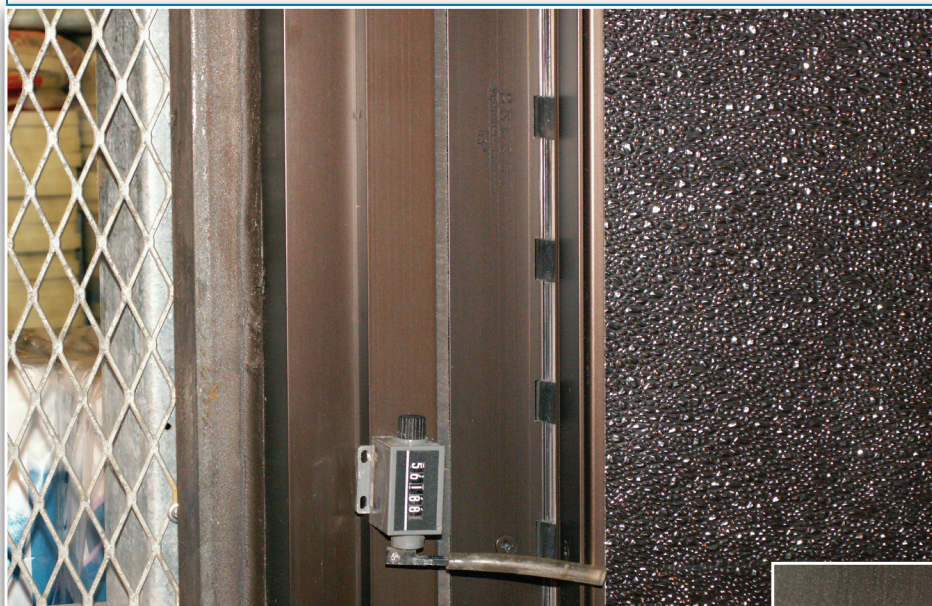
Left: Open/close actuator attached to panic bar exit device.

Below: Cycle test setup at Architectural Testing, Inc., St. Paul, MN. Note the empty packaging from two door closers. The first of two failed door closers was replaced after only 4,803,830 cycles.

Our SL11 HD600 geared continuous hinge surpassed more than 25,000,000 cycles — 25 times beyond Grade 1 BHMA cycle count — in ANSI-approved physical endurance testing. In the real world, that's equivalent to more than 60 years on a typical high-traffic entrance.



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Above: The last of three cycle counters installed on an FRP door equipped with SELECT's SL11 geared continuous hinge. Two counters were replaced before reaching 25,000,000 cycles.

Right: Load bearing after 25,000,000 cycles.

Below: Front view of cycle test setup in operation at Architectural Testing, Inc., St. Paul, MN.



How do you know SELECT Hinges™ will hold up to years of heavy traffic moving through your doors? Because independent tests prove it. What kind of damage did all those test cycles cause? A broken counter. Two worn out door closers. And no measurable change to the hinge or door.

