Product Evaluation Report

Product Manufacturer		Product Name, Model and/or Description
Tell Doors & Windows, LLC. 6535 Guhn Rd, Ste 100 Houston, TX 77040	A wholly owned subsidiary of Tell Manufacturing, Inc. 18 Richard Drive Lititz, PA 17543	Series DB2451 Deadbolt Heavy Duty Tubular Large and Small Missile Impact Resistant

Code: Current Edition of the Florida Building Code including the 8th Edition (2023) Florida Building Code

Compliance Method: Product Approval Rule 61G20-3.005(1)(d) – Product Evaluation Report by a Licensed Professional Engineer

Product Name, Model and/or Designation - Test Report No. - Installation Drawing No.: Products covered by this evaluation include the following.

- Installation Instructions: Titled "Instructions for Installation of Single and Double Cylinder Deadbolts and Replacement of Existing Locks"
- Test Report No.: C6476.01-109-44 signed and sealed by Michael D. Stremmel, P.E. 4/25/13, Architectural Testing Inc., York, PA
    - Test Standard: ANSI A250.13-08
    - Design Load: 1150 lbf per ANSI A250.13-08, Section 7.1.2; Test Load 1725 lbf.
    - Impact Test: Per ANSI A250.13-08, Section 7.1.1; Impact Test per Section 5.2.2, Method 1

Limitations & Conditions of Use:

- Maximum design load: 1150lbf
- ANSI A156.5 Grade 2 compliant.
- This product is not rated to be used in the HVHZ.
- This product is impact resistant and does not require impact protection in wind borne debris regions.
- All fasteners to be corrosion resistant
- This component to be used as an alternate with approved single or double doors. Lowest design pressure or design load of doors or this component will control the rating of the system as a whole.
- Door or door system used with this lock must have their own separate approval.
- When installed with a double door system inactive panel must be secured with surface bolts or equivalent.
- Electrical device installation is not part of this approval.
- Compliance with building egress requirements must be reviewed by building official.

Testing Equivalency Evaluation:

In accordance with Product Approval Rule 61G20-3.015(4)(d) – Equivalency of Standards the following equivalency evaluation is conducted. Testing referenced above was conducted to ANSI A250.13-08.

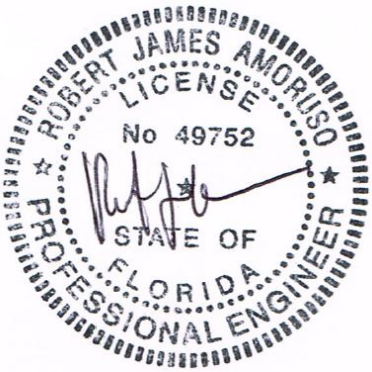
8th Edition (2023) Florida Building and/or Residential Code no longer refers to ANSI A250.13 for door testing. Section R609.10 of the 8th Edition (2023) Florida Residential Code now promulgates ANSI/WMA 100-2018 for door component testing and substitution or shall be evaluated by an approved evaluation entity in accordance with accepted engineering practices.

Based upon my review of the testing referenced above, the requirements of ANSI A250.13-08 have been met and demonstrate the capacity of the product in accordance with accepted engineering practices per Section R609.10 and allows the door component to be used as a substitute component in accordance with the requirements of ANSI/WMA 100-2018.

Certificate of Independence per Product Approval Rule 61G20-3.009

PTC Product Design Group, LLC and Robert J. Amoruso, P.E. does not have, nor will acquire, any financial interest in the company manufacturing or distributing product(s) covered by this Product Evaluation Report.

PTC Product Design Group, LLC and Robert J. Amoruso, P.E. do not have, nor will acquire any financial interest in any other entity involved in the approval process or testing of the product(s) covered by this Product Evaluation Report.



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Evaluated by:
Robert J. Amoruso, P.E.
FL PE License No. 49752