

GreenCircle Certification System

GreenCircle Certified, LLC certifies
that an independent, third-party evaluation has been conducted for:

ASSA ABLOY

Graham Standard Wood GPD Door with
(4" x 32" glass) Sweep/Gaskets, Standard
16 gauge Hollow Metal Frame - Masonry

62% Energy Savings

MarCorSysCom HQS Bldg, Marine Corps Base, Quantico, VA -
Interior Double Doors (Vestibule)

The energy savings calculations followed the guidelines specified in the Methodology for Determining Door Life Cycle Energy Usage. This methodology has been used in the Product Category Rule for door openings. The calculations accounted for energy transmissions through a door due to its thermal resistance (R-value) and its air leakage rate. This certification verifies the energy savings of the door listed above as compared to a model of the door it replaced at the Marine Corps Base Quantico. The R-value of the modeled equivalent door was taken from the National Fenestration Rating Council's database. The air leakage rate of the modeled equivalent door as well as the R-value and air leakage rate of the ASSA ABLOY energy efficient door was determined through laboratory testing by Intertek-Architectural Testing, Inc.

Certification Period: September 1, 2017 - August 31, 2018

Certification Number: 17-0449



Tad Radzinski, PE, LEED AP, SFP

Certification Officer



**GreenCircle
CERTIFIED** LLC

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