



GreenStar Homes Certification Manual v3.1

ASSA ABLOY
Opening Solutions

ASSA ABLOY Opening Solutions EMEA - 12.2021

Experience a safer
and more open world

GreenStar Homes Certification Manual v3.1

Summary

GreenStar is a green building certification system created by the GreenHome Institute. The scheme is available globally; however, it is most common in America. The GreenStar Homes Certification Manual v3.1 covers a variety of topics including energy, water, and air. Certification levels include certified, silver, gold, and platinum. Each increase in level of certification has associated mandatory credits that must be achieved, in addition to a credit threshold.

An important aspect when pursuing GreenStar certification is identifying products that align with and contribute towards the goals of the project. To aid in these decisions, this document highlights how ASSA ABLOY Opening Solutions products may contribute to a variety of GreenStar targets.

Applicable Credits

- If installing new wood do not use tropical OR make sure it is certified
- DOE Home Energy Score (or equivalent) & Energy Labeling / Scores



ASSA ABLOY is
official partner in
the WGBC's Europe
Regional Network



WORLD
GREEN
BUILDING
COUNCIL

If installing new wood, do not use tropical OR make sure it is certified

Gold - Required. (2 pts)

Unregulated logging can lead to deforestation and social issues. Avoid these products. Any wood used that is new and is tropical must be certified FSC or SFI.

ASSA ABLOY Opening Solutions strives to source materials responsibly. Our suppliers are vetted through a competitive process where they are rated on key factors such as sustainability and quality. All new product sources must follow our internal gateway processes for quality approval and are audited. ASSA ABLOY SMARTec™ security doors are crafted with Forest Stewardship Council® (FSC®) certified wood. Additionally, at the request of customers, certain product lines can be custom ordered to meet these specifications.

DOE Home Energy Score (or equivalent) & Energy Labeling / Scores

Verification

Design buildings with increased energy efficiency as a main focus. To achieve certification, the energy usage of the building must be below the set threshold of the certification level.

Energy efficiency within buildings can be increased by maintaining a tight building envelope as well as by choosing access solutions that use low-to-no energy. Door security solutions from ASSA ABLOY Opening Solutions, such as door closers and drop seals, ensure a tight door seal. Select doors also have thermal performance properties. These solutions can lessen the load on heating, ventilation, and air conditioning systems, leading to increased energy efficiency in the building. Additionally, many of our access control solutions and electromechanical locking systems use minimal energy or utilize energy-harvesting technology.

Don't see what you are looking for?

We may be able to work with you! Please put in a request at:

Sustainability.EMEIA@assaabloy.com

DOE Home Energy Score (or equivalent) & Energy Labeling / Scores

Verification

Design buildings with increased energy efficiency as a main focus. To achieve certification, the energy usage of the building must be below the set threshold of the certification level.

Aperio, CLIQ, Incedo, Code Handle, and SMARTair are battery-powered products. Compared to traditional, hard-wired access control products, our wireless access control solutions utilize minimal grid energy and can improve a building's energy performance or ENERGY STAR® score. In addition, Incedo Business utilizes wireless hardware, such as Aperio or PULSE. The battery-powered access control solutions from Aperio use minimal energy and only wake-up and use energy when presenting a credential. They also require less energy during the installation phase as no cabling around the door is needed. These devices can be easily switched to other doors in case of movement. Energy harvesting solutions, such as the key-based ASSA ABLOY PULSE electronic locking system, generate the needed energy by inserting and turning the key.

DOOR CLOSERS

DOE Home Energy Score (or equivalent) & Energy Labeling / Scores

Verification

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Energy efficiency within buildings can be increased by maintaining a tight building envelope. ASSA ABLOY door closers ensure that doors close quickly and properly, which can lessen the load on heating, ventilation, and air conditioning systems, increasing building energy performance.

MECHANICAL AND ELECTROMECHANICAL LOCKING

E-Locks | Pulse | Lock Sets | Lock Cases and Cylinders

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Verification

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ASSA ABLOY PULSE utilizes energy-harvesting technology that requires no batteries or wires to function. PULSE utilizes no grid energy and does not negatively impact a building's energy performance or ENERGY STAR® score. Paired with ASSA ABLOY Incedo Business, it provides the access control functionality of an electronic key with the energy-savings of a mechanical one.

ASSA ABLOY
GREENSTAR
OVERVIEW

ACCESS CONTROL

Aperio®
CLIQ®
Incedo™
Code Handle®
SMARTair™

DOOR CLOSERS

MECHANICAL AND ELECTRO- MECHANICAL LOCKING

E-Locks
Pulse
Lock Sets,
Lock Cases,
and Cylinders

DOORS

DROP SEALS

DOORS

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DROP SEALS

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Verification

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ASSA ABLOY Opening Solutions' drop seals ensure a consistent and tight door seal that minimizes the indoor temperature change near the door. Drop seals can lessen the load on heating, ventilation, and air conditioning systems, leading to increased energy efficiency in the building.

The ASSA ABLOY Group is the global leader in access solutions. Every day, we help billions of people experience a more open world.

ASSA ABLOY Opening Solutions leads the development within door openings and products for access solutions in homes, businesses and institutions. Our offering includes doors, door and window hardware, locks, access control and service.

ASSA ABLOY
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