



# ***Product Guide for LEED® Certification***



**Flanders®**   
FOREMOST IN AIR FILTRATION

Flanders / FFI® Flanders / Air-SEAL®  
Flanders / PRECISIONAIRE® Flanders / CSC™





Distinctions can be made in air filter technology. Flanders is committed to continuously developing new and improved products to assist in an environmentally responsible, healthy, and prosperous environment. These products are being manufactured through the guidelines developed by the United States Green Building Council (USGBC). Furthermore, “the Leadership in Energy and Environmental Design (LEED) Green Building System™ is the nationally accepted benchmark for the design, construction, and operation of high performance green buildings.”<sup>1</sup>

Its mission statement describes it best “Buildings fundamentally impact people’s lives and the health of the planet. In the United States, buildings use one-third of our total energy, two-thirds of our electricity, one-eighth of our water, and transform land that provides valuable ecological resources. Since the LEED Green Buildings Rating System for New Construction (LEED-NC version 2.0) was first published in 1999, it has been helping professionals across the country to improve the quality of our buildings and their impact on the environment. As the green building sector grows exponentially, more and more building professionals, owners, and operators are seeing the benefits of green building and LEED certification. Green design not only makes a positive impact on public health and the environment, it also reduces operating costs, enhances building and organizational marketability potentially increases occupant productivity, and helps create a sustainable community. LEED fits into this market by providing rating systems that are voluntary, consensus-based, market-driven, based on accepted energy and environmental principles, and they strike a balance between established practices and emerging concepts. The LEED rating systems are developed by USGVC committees, in adherence with USGBC policies and procedures guiding the development and maintenance of rating systems. LEED-NC version 2.2 is only possible due to the generous volunteer efforts of many individuals, and has been in development for over two years. LEED-NC is one of a growing portfolio of rating systems serving specific market sectors.”<sup>1</sup>

***Flanders offers the following products to assist in acquiring credits in LEED projects:***



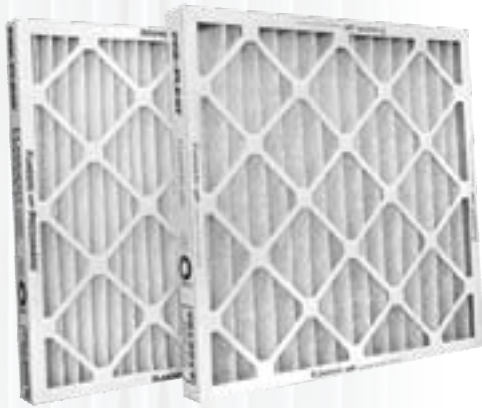




---

## Products Guide for LEED® Certification

---



### Prepleat 40

---

- MERV 8 according to ASHRAE Std. 52.2-99
- Media is constructed of predominately-recycled components
- Media consists of 100% synthetic, hydrophobic fibers
- Fibers do not promote microbial growth as in poly-cotton media blends and contain no toxic dyes
- MERV 8 efficiencies will not diminish with time as electrostatic medias can
- Die-cut clay board frame is made from 100% recycled moisture resistant board
- Custom sizes available
- Available in 1", 2" and 4" depths
- MERV 7 and MERV 11 available



### Radial Flow

---

- HEPA filter
- 100% separatorless media
- Filter efficient from 99.97% @ 0.30 micron to 99.9995% @ .12 micron
- Standard and odd sizes available
- UL Class 1 and UL 586 available
- Media manufactured by Flanders Filters, Inc.



### Dimple Pleat®

---

- 100% separatorless media
- Efficiencies from 99.99% @ 0.30 micron to 99.99999% @ 0.12 micrometer size particles
- No particle generation from fraying of strings or strips
- UL 900 Class 1 and factory mutual approved
- Media manufactured by Flanders Filters, Inc.





## PrecisionCell II

---



- MERV 11-14 according to ASHRAE Std. 52.2
- Filter can be incinerated/shreddable with no metal components
- Media 100% recyclable
- Die-cut clay board frame is made from 100% recyclable moisture resistant board
- Media is supported by glue-bead pleat separators
- Waste from glue runoff is recycled in-house versus disposing into the environment
- Horizontal and diagonal face grids bonded to media pack by 100% recycled glue
- 8-Standard sizes available
- Odd sizes are available in a metal frame
- Standard 65%, 85% or 95% efficiencies
- MERV 16 product available

## Pureform Pak

---



- Non-woven water resistant fiberglass media
- 100% separatorless medium
- Media is 28 mils. significantly thicker than conventional media used in Separator Style Filters (15 mil)
- Media pack can be incinerated
- UL 900 rating
- Available depths: 5-7/8" and 11-1/2"
- Number of standard sizes compatible with new and existing unitary equipment
- Standard sizes compatible with typical side or front load housings and holding frames
- Various frame material available
- Pureform Pak available in the following products:
  - Alpha 95
  - Alpha Cell
  - Alpha 2000
  - Alpha Cell E
  - PrecisionCell M16
  - Alpha HT
- Media manufactured by Flanders Filters, Inc.

1. [www.usgbc.org](http://www.usgbc.org)

# Flanders/FFI®

531 Flanders Filter Road  
Washington, NC 27889  
Phone: (252) 946-8081  
Fax: (252) 946-3425  
Toll Free: (800) 637-2803

Website: [www.flanders-ffi.com](http://www.flanders-ffi.com)

PB3000-0507

Represented By: