

08.19.2010

Re: LEED Requirements and Certification

LEED (Leadership in Energy & Environmental Design) Green Building System is a voluntary, consensus-based standard to support and certify successful green building design, construction, and operations. LEED certification systems deal with the environmental performance of buildings based on overall characteristics of the project. Credits are not awarded based on use of a particular product, but upon the project meeting the performance standards set forth in the rating system.

Charter Plastics, based in Titusville, Pennsylvania, manufactures polyethylene pipe products that may be used in "green" projects. These products are not designed for indoor use but they are designed for direct burial outside the building.

These products include:

Pipe for Potable Water, Reclaimed Water, Geothermal, Gas, Sanitary Sewer, Irrigation, and Municipal & Industrial.

Polyethylene Pipe:

- Requires less energy to produce than equivalent metal piping products.
- Is lightweight and therefore more cost effective to ship.
- Is flexible and can be bent, requiring fewer fittings.
- Can be joined via heat fusion for a permanent leak-free joint.
- Can be installed using trenchless technologies with less impact to the environment.
- Has a life expectancy of greater than 50 years depending on application.
- Can be recycled at end of life.

Charter Plastics Inc. follows safe and environmentally responsible manufacturing procedures in our plants. When standards allow, we utilize clean in-plant rework from the same commercial grade into the pipe.

