



HIGH-PERFORMANCE RESIDENTIAL BUILDING CERTIFICATION PROGRAM

EarthCraft is Southface's industry-leading building certification program

for the construction of above-code, high-performance buildings. Through hands-on education, third-party verification and close collaboration with industry leaders, EarthCraft helps you create the best building possible. Developed and refined over 20 years, the EarthCraft standard reflects Southface's commitment to builders and industry leaders to create holistic buildings in which all systems work together for optimal performance, health, sustainability and comfort.

EarthCraft House – New Construction



AS MUCH AS
20%
IMPROVEMENT IN
ENERGY EFFICIENCY +
25%
ANNUAL WATER SAVINGS
=
\$

Compared to code-built homes, EarthCraft House achieves improved performance in energy and water consumption, providing an immediate return on investment.

EarthCraft Renovation – Existing Homes



AS MUCH AS
40%
IMPROVEMENT IN
ENERGY EFFICIENCY +
35%
ANNUAL WATER SAVINGS
=
\$

The cost premium for including EarthCraft Renovation in a project can be as low as 2% of the total job value and result in significant energy and water savings.



The EarthCraft House certification is based on a prescriptive approach that encourages builders to earn the following badges representing enhanced criteria.



Performance | High-performance building is accomplished through above-code building requirements and industry-recognized energy modeling practices.



Health | EarthCraft Houses are built by design to have healthy indoor air quality. Materials with undesirable chemicals are restricted. Whole-building ventilation systems provide fresh air throughout the space all year long.



Environment | Optimized, quality building materials and construction practices benefit the environment. EarthCraft building practices respect the natural resources that make them possible.



Comfort | The house as a system builds in comfort while keeping operating costs low. Maintaining indoor comfort is ensured through a well-built, well-insulated building envelope plus a properly sized and installed heating and cooling system.

The EarthCraft House™ program, created in 1999, is a partnership between Southface Energy Institute and the Greater Atlanta Home Builders Association.