



Subject: LEED™ Contribution points

Strong emphasis has been placed lately on a construction products contribution to the overall LEED rating of a project. International Cellulose's products can contribute in the following areas.

Credit EA1 – Optimize Energy Performance

Contribution: K-13 and Celbar, due to seamless installation techniques are outstanding insulation materials. In a series of tests, five identical buildings were monitored for KWH usage over an eleven-month period. One building was insulated with sprayed cellulose (Celbar) in the walls, and the other four with fiberglass batt. Upon conclusion of the tests, the cellulose-insulated building saved 32% of the KWH usage of the other buildings. Thousands of projects worldwide utilize K-13 as insulation under occupied space in parking garages and as interior roof insulation. SonaSpray "fc", due to its high light reflectivity characteristics, reduces the amount of power consumption for lighting required in occupied space.

Credit MR4 – Recycled Content

Contribution: K-13, SonaSpray "fc" and Celbar have a recycled content of 75% or more.

Recycle content:

- K-13 (Black & Tan) – 80% Post-consumer
- K-13 (White, Light Grey, & Beige) – 80% Post-industrial
- SonaSpray "fc" – 80% Post-industrial
- Celbar Wall Spray – 80% Post-consumer
- Celbar loose fill – 80% Post-consumer

Credit MR5 – Local/Regional Materials

Requirement: A minimum of 20% of the building materials are manufactured within a 500-mile radius of the project site.

Contribution: K-13, SonaSpray "fc" and Celbar components are manufactured in Houston, TX

Credit EQ4.4 – Low emitting Materials (1 point)

Contribution: K-13, SonaSpray "fc" and Celbar do not contain any added urea-formaldehyde resins.