



3.4 LEED Statement

What is Fellert?

Fellert is a hand-crafted seamless sound absorption system. The Fellert system originated in Sweden and consists primarily of fiberglass boards and acoustical plaster.

The fiberglass board is typically attached to gypsum wall board with a cementitious adhesive; the acoustical plaster is mixed with water and applied with a spray machine and troweled to an approximate thickness of 1/8".

MR CREDIT 4 Recycled Content

Average % on Primary System Components

- **Fellert Fiberglass Board:** Approximately 30% post-consumer and 5% pre-consumer recycled content
- **Fellert Acoustical Plaster:** Approximately 30% post-consumer content—recycled cotton material

Average % per Weight (1.05 lb SQFT 1" system)

- 4.3% pre-consumer recycled content
- 26.6% post-consumer recycled content

IEQ CREDIT 8 Light Reflectance

- 0.79–0.80 As per ASTM E1477-98a

IEQ CREDIT 4 Low Emitting Materials

The Fellert acoustical plaster was tested for VOC and IAQ:

- **Implied zero VOC as per ASTM D3960**
“Determination of Volatile Organic Compound (VOC) Content in Paints and Related Coatings”
- **Meets California’s Section 01350 IAQ emission requirements**

IEQ CREDIT 7 Thermal Insulating R Value

- Thermal Conductivity ASTM C-177 @ 75 F on 6.0 PCF 0.22
- 1" Fellert Fiberglass Board 4.55 R Value