By utilizing EPS instead of XPS, the concrete contractor saved approximately $20,000 in material costs.

Project Profile:
APS Food & Nutrition Warehouse

Albuquerque Public Schools (APS) in New Mexico have been undertaking a massive classroom and educational rebuild and remodel. All new construction has been designed using sustainable materials and energy-efficient principles with LEED certification as the end goal.

As part of new buildings under construction is a 108,000 sq. ft. central Food and Nutrition Services Kitchen and Storage Warehouse.

Originally specified XPS was replaced with Insulfoam R-Tech VI 40 psi over the sub slab freezer floor. The project utilized 2 lifts of 3” R-Tech instead of 3 lifts of 2” XPS ultimately saving the concrete contractor approximately $20,000 in material costs.

Specify Insulfoam in your projects:

ENGINEERED EPS
Versatile, Durable, Recyclable

www.Insulfoam.com
**InsulGrade R-Tech**
**APS Food & Nutrition Warehouse**

**R-Tech Advantages**

InsulGrade R-Tech features a premium factory-applied laminate polymeric facer that is virtually impervious to moisture, keeps water from entering the insulation, and away from concrete foundation & slabs. Available in 4’x8’ panels and thicknesses starting at 3/8”, with compressive strengths from 10-60 psi, pick the right thickness and compressive strength for your job. In addition, R-Tech offers a long-term stable R-Value, is an ENERGY STAR® qualified insulation and qualifies for LEED points.

**Environmentally Friendly:** R-Tech contains no dyes, formaldehyde or ozone-depleting HCFCs, may contain recycled material and the foam core is 100% recyclable.

**Stable R-Value:** Unlike XPS, there is no thermal drift. Designers are well served knowing the R-Tech thermal properties will remain stable over its entire service life. R-Tech is eligible for an Insulfoam 20-Year Thermal Performance Warranty - a warranty that’s not prorated or limited to a percentage of the published R-Value.

**User Friendly:** R-Tech can be ordered with the InsulSnap feature which scores the product longitudinally at any pre-ordered interval. The InsulSnap feature minimizes labor by enabling the installer to cleanly break the product at the desired width while also minimizing product breakage and waste.

**Water Resistance:** R-Tech facers provide a surface that is virtually impervious to moisture.

**Insect and Mold Resistant:** R-Tech can be manufactured with an inert additive that deters termites and carpenter ants. R-tech does not sustain mold and mildew growth.

**Jobsite Durability:** With a polymeric facer on either side of the R-Tech, it is an extremely flexible and durable insulation.

**Cost-Effective:** R-Tech is typically less expensive than comparable insulation products.

**Proven Performance:** The same fundamental EPS chemistry has been in use since the mid-1950’s so the actual performance of the product is well known.

**Code Approvals:** Insulfoam is recognized by the ICC-ES for numerous applications

**Enhanced R-Values:** In certain applications, increased R-Values can be obtained by placing the metallic reflective side of the R-Tech towards a dead air space. R-Value gain is dependent on the amount of dead air space between the R-Tech and outer surface

---

**R-Tech Uses:**
R-Tech has been used successfully for numerous commercial, industrial and residential applications:
- Below Grade Insulation
- Waterproofing Protection Board
- Cavity Walls
- Interior Walls
- Cold Storage & Freezers
- Sheathing
- Concrete Panel Insulation
- Concrete Slabs
- Radiant-Heated Floors

---

**Project Details:**

Commercial Concrete Contractor: Cleo J. Powell, Inc.

Insulfoam Distributor: Zia Concrete Supply Company, Inc.

General Contractor: Gerald Martin

---

Tel 800-248-5995  www.insulfoam.com  info@insulfoam.com  Alaska - Arizona - California - Colorado - Florida - Nebraska - Pennsylvania - Utah - Washington