

beyond LEED®

Our commitment to you and the environment

INTRODUCING RED: THE NEW GREEN

By adopting proper environmental practices, we at PABCO® Gypsum exhibit a commitment to minimize our impact on the environment. This is achieved by reducing and reusing waste, manage water consumption and using alternative energy sources.

LEED® (Leadership in Energy and Environmental Design) the green building certification system administered by the U.S. Green Building Council (USGBC) is an import component of the PABCO® Gypsum sustainability program. However our commitment to sustainable manufacturing and building practices began over a decade before the establishment of the USGBC.

Our Las Vegas, Nevada gypsum board manufacturing plant is an example of how wallboard manufacturing can be sustainable.

ENERGY SAVINGS

Located on our property in Las Vegas is a cogeneration natural gas electrical power plant feeding the Nevada power grid. The waste by-product heat from the turbines is diverted and recycled into our wallboard dryer. The use of this otherwise wasted energy saves millions of cubic feet of natural gas and significantly reduces green-house emissions polluting our planet.

TRANSPORTATION ENERGY SAVINGS

Our raw Gypsum ore is mined from our quarry adjacent to our plant, a mobile conveyor belt moves the ore from the quarry directly into processing. Unlike our competitors, we do not utilize fleets of trucks or ocean barges to get our raw materials into our facility. We are savings millions of gallons of fossil fuels and reducing the resulting green-house gas emissions from this simple process.

RECYCLING GYPSUM PANELS

We recycle both our in-house generated scrap and clean gypsum board scrap from new construction projects. Our Newark plant provides a waste diversion process that allows Bay Area contractors to bypass the landfill by bringing clean PABCO® panel scrap back to the plant. This scrap is processed into usable commodities for the agricultural community. Our Las Vegas plant processes internal waste by removing the paper from the core. The reclaimed gypsum is mixed with incoming ore to produce new PABCO® products that contain 10% recycled content.

RECYCLED PAPER

PABCO® Gypsum wallboard products are made with 100% recycled face and backing paper by our sister company PABCO® Paper located in Vernon, California.

RAIL TRANSPORTATION

PABCO® Gypsum utilized energy efficient rail transportation directly out of our plants in Las Vegas, NV and Newark, CA into our distribution locations throughout North America. Rail transportation is both economical and more environmentally conscious mode of delivery.

Our Las Vegas, NV manufacturing plant has the largest capacity in the western United States, employs sustainable features, and is committed to quality. There is no doubt why it was named World Wallboard Plant of the Year in 2008 by the Global Gypsum Conference.

LEED® is a trademark owned by the U.S. Green Building Council (USGBC)



Sustainable Materials

Datasheet

SUSTAINABLE FEATURES:

PABCO® Gypsum provides the following information for use in selecting materials to achieve LEED® certification credits. Gypsum board utilization credits may apply to specific construction projects under LEED® project designations:

- New Construction, Existing Buildings, Operations and Maintenance
- Core and Shell Development at Homes
- Schools

For each of the above project designation points available under MR4 (Recycled Content), and MR5 (Regional Materials) should be reviewed by the LEED AP on the project.

RECYCLED CONTENT (MR4):	PABCO® Gypsum Manufacturing Location	Post Consumer Content	Pre Consumer Content	Total Recycled Content	Raw Material Extraction Location
Gypsum Board Products (paper faced)	Las Vegas, Nevada, USA	1%	9%	10%	Las Vegas, Nevada, USA
PABCO GLASS® Products (glass mat faced)	Las Vegas, Nevada, USA	0%	0%	0%	Las Vegas, Nevada, USA
QuietRock®	Newark, CA, USA	1%	9%	10%	Las Vegas, Nevada, USA

REGIONAL MATERIALS (MR5):	PABCO® Gypsum Manufacturing Plant Location	Regional Materials	Raw Material Extraction Location
Gypsum Board Products (paper faced)	Las Vegas, NV, USA	95%	Las Vegas, NV, USA
	Newark, CA, USA	90%	Mexico
PABCO GLASS® Products (glass mat faced)	Las Vegas, NV, USA	90%	Las Vegas, NV, USA
	Newark, CA, USA	90%	Mexico
QuietRock®	Las Vegas, NV, USA	90%	Las Vegas, NV, USA

GREEN BUILDING RATING SYSTEM™

LEED® (Leadership in Energy and Environmental Design) is a voluntary, consensus based national rating system for developing high-performance, sustainable buildings. Developed by USGBC (United States Green Building Council), LEED® addresses all building types and emphasizes state-of-the-art strategies for sustainable site development, water savings, energy efficiency, materials and resources selection, and indoor environmental quality. LEED® is a practical rating tool for green building design and construction that provides immediate and measurable results for building owners and occupants.

ABOUT USGBC:

The U.S. Green Building Council (USGBC) is a non-profit organization committed to expanding sustainable building practices. USGBC is composed of more than 13,500 organizations from across the building industry that are working to advance structures that are environmentally responsible, profitable, and healthy places to live and work. Members includes building owners and end-users, real estate developers, facility managers, architects, designers, engineers, general contractors, subcontractors, product and building system manufacturers, government agencies, and nonprofits.