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TEMCOR ALUMINUM DOMES IN THE BULK STORAGE INDUSTRY

GARDENA, CA April 11, 2008 – Temcor, the world's largest Aluminum Dome builder, continues to supply the world's bulk storage facilities with quality, cost-effective Aluminum Domes. More than 40 years of experience in design, engineering and manufacture for the coal, cement and ore industries has placed Temcor domes throughout the world.

Temcor's all-aluminum domes are lightweight, yet strong, which helps reduce foundation costs. They are engineered to withstand hurricane-force winds, heavy snow loads and seismic activity, and the domes are inherently corrosion-resistant which makes them virtually maintenance-free.

Specialized erection methods, using Temcor's tower erection method also help keep costs down. Once delivered to the site, a typical 105m Temcor Aluminum Dome can be erected in about 14-16 weeks with an average crew of 8–12 men.

Currently, Temcor is nearing completion of two bulk storage domes at the **Holcim, Inc**. cement plant in Ste. Genevieve, Missouri. Included are a 90m diameter coal storage dome for the plant's coal-fired kiln, and a 113m limestone storage dome.

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Located on the Mississippi River, the plant will have the world's largest single clinker production line with a capacity of more than 4 mt of clinker per year. The facility will employ the most advanced equipment and technology available, and polluting emissions will be among the lowest of any cement plant in the world. To achieve these standards, Holcim has selected many of the world's most respected suppliers.

Temcor has recently completed a 93m diameter aluminum limestone storage dome for Italcementi. The dome was built at the new Essroc Cement Corporation plant in Martinsburg, West Virginia.

The dome, which has a rise of 3.6m is attached to a 2.25m high concrete wall. Twenty-three skylight panels, a conveyor opening, man doors, truck doors and more were designed into the dome.

Temcor manufactured the dome at its state-of-the-art facility near Savannah, Georgia, and shipped it, ready-to-assemble, to the Martinsburg, West Virginia site, where it was erected in just 13 weeks.

Other Recent Temcor Projects

The new **GCC cement plant in Pueblo, Colorado** includes a 78m diameter Temcor Aluminum Dome for limestone storage. Even with weather delays, Temcor still completed the dome in just 13 weeks, with an average crew of just six men, using man lifts, or condors, to erect from the outer support wall to the center.

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When **Irish Cement** decided to expand their Platin Works cement plant in Drogheda, Ireland near Dublin, they chose a 105m diameter Temcor Aluminum Dome for limestone storage. The dome was constructed using Temcor's Center Tower erection method. With this method, the dome is constructed from the ground-up. As each ring is completed, the center tower raises the dome until the entire dome is completed and attached to the retaining wall.

A Temcor Aluminum Dome is now complete at the new plant being built in **Festus, Missouri by Buzzi Unicem, USA**. The 88 m diameter dome will handle the plant's limestone storage. Two truck openings, a conveyor opening, skylights and other features were designed into the dome.

Temcor 's experience doesn't stop at bulk storage facilities. For years, Temcor has built aluminum roof systems for architectural applications that include, but are not limited to, sports arenas, cruise terminals, planetariums and churches. Temcor roof systems for the petroleum and water and wastewater industries offer the same quality, flexibility of design and corrosion-resistance to those industries, as well.

For more information, write 879 W. 190th St., Gardena, CA 90248, e-mail info@temcor.com or call (310) 523-2322...or find Temcor online at www.temcor.com.

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