Howard Patterson (313) 429-2331

IT'S GREEN UNDER THE SEA

The construction of the Sydney Harbour Tunnel required new innovations in concrete construction methods and materials. Ground Granulated Blast Furnace Slag (GGBFS), a cementatious material that can replace significant portions of Portland cement, was a natural choice to meet the demanding engineering and environmental requirements of this project. The 4 lane, 2.3 kilometer twin tube tunnel that sits 20 meters below sea level on the Sydney Harbour floor, is a great example of the benefits of slag cement and slag aggregates.

ECOCEM – THE MATERIAL OF CHOICE

A joint venture formed in 2000 between Edw. C. Levy Co. and Cement Australia manufactures and markets Ecocem, a GGBFS, to the construction industry in Australia.

IN CONCRETE, ECOCEM PROVIDES:

- IMPROVED STRENGTH GAIN CHARACTERISTICS
- ENHANCED WORKABILITY
- HIGHER COMPRESSIVE AND FLEXURAL STRENGTHS
- INCREASED DURABILITY
- SULPHATE AND CHLORIDE RESISTANCE
- LOW HEAT OF HYDRATION

ENVIRONMENTALLY, ECOCEM:

- SIGNIFICANTLY REDUCES GREENHOUSE GAS EMISSIONS
- CONSERVES NATURAL RESOURCES
- REDUCES ENERGY CONSUMPTION
- UTILIZES SLAG, AN INDUSTRIAL CO-PRODUCT
- MEETS GREEN BUILDING AND LEED SPECIFICATIONS

ECOCEM is another example of Levy's ability to meet the unique needs of each customer while protecting the world we all share.

SOLUTIONS FOR YOUR ENVIRONMENT™

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