

Comparison of Hybrid Environmental Protection Types of Folding Containers Used in Cement Plants

The construction industry is a major consumer of cement and concrete and their production processes have a significant environmental impact. By decarbonising these materials, we ...

Despite the challenges of cement production in achieving large-scale recycling potential compared with other industries, reducing overall energy consumption and adopting fuel sources with ...

In this research, cheap, environmentally friendly and lightweight cement mortars were prepared with recycled polyethylene terephthalate (PET) as an aggregate deriving from bottle scraps.

This study analyzes the physical and mechanical properties of two different cement types, ordinary Portland cement (OPC) and calcium sulfoaluminate (CSA) cement, and the synergy ...

To reduce the environmental effects resulting from the cement production processes, solutions were introduced, including filtering methods and recycling techniques.

Hybrid cements (HC) are a possible replacement of Portland cement, as their activation process only requires a small amount of sulphates, and is carried out with water at room temperature.

Catherine Kerninon, EUROSAC, and Elin Gordon, CEPI Eurokraft, present the results of a study by RISE, which compared typical paper cement sacks and form-fill-seal polyethylene cement sacks.

This research explores the mechanical behavior of lightweight concrete (LWAC) using recycled EPS manufactured with a hybrid cement mixture (OPC and alkali-activated cement).

Paper sacks are becoming a preferred choice for cement packaging as they provide a wide range of economic and environmental benefits. Compared to sewn woven sacks, paper sacks ...

To assess performance, CEPI Eurokraft commissioned lab tests comparing paper and woven polypropylene (WPP) cement sacks - focusing on filling speed, product loss, dust emissions ...



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