

EnvironprotectcreteTM



Mix with the Best

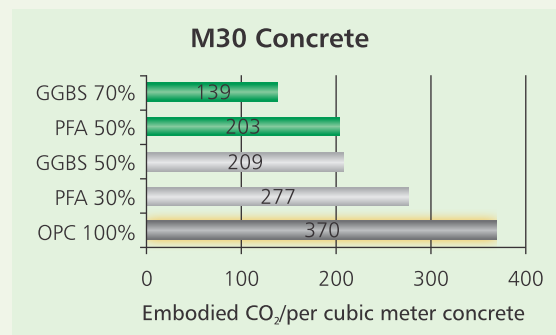


make the world a better place
grey outside green inside

Environprotectcrete™ is a truly High Performance and high quality sustainable concrete designed to offer current and future environmental objectives which are high durability and low environmental impact. High replacement levels of OPC in a concrete mix with Pulverised Fuel Ash, Ground Granulated Blast Furnace Slag or other supplementary cementitious materials or combinations thereof impart the sustainability characteristics and superior levels of durability to the concrete. The resulting product has a much lower level of embodied CO₂ than if OPC and ordinary levels of cement replacements were used. Even a portion of the natural aggregate can be replaced with more sustainable by-products of other industries, boosting the concrete's durability parameters.

Environprotectcrete™ is tailor-made to provide the desired levels of workability and the compressive strengths at various ages, depending upon client requirements. The additional benefits include continual improvement in long-term strengths and durability, thus enhancing the environmental profile of the product.

In an era of growing environmental consciousness, more and more customers are adopting Green Building Certifications such as LEED® India developed by Indian Green Building Council (IGBC) or Green Rating for Integrated Habitat Assessment (GRIHA) developed by The Energy Resource Institute (TERI). Use of our Environprotectcrete™ will enable the customers to earn more points, thus facilitating the process of obtaining certification and enhancing the ratings.



5 key advantages:

1. Sustainable & Durable.
2. Continued strength gain up to later ages.
3. Low Heat of Hydration.
4. Mitigates Cracking.
5. Better Consistence Retention.

Applications:

- Mass Foundations.
- Concrete Pavements.
- Underground Structures.
- General Industrial Flooring.
- Reinforced and Precast Concrete Elements.



RMC Readymix (India)

(A Division of Prism Cement Limited)

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