

Resource Usage Policy

Techrete is a leading company in the design, manufacture and installation of architectural precast concrete cladding. Our commitment to reducing any negative environmental impact of our product includes careful examination of the resources we consume and investigating what consumption can be reduced and which materials can be replaced with a more sustainable alternative.

Our approach is commitment to:

Use sustainable materials in our panels

- 98% of the steel coil used in making cages for our panels is manufactured from locally sourced recycled metals. This steel coil makes up approximately 90% of all steel used in our panels.
- Preference shall be given to suppliers that use materials from sustainable sources and adhere to the principles of ISO14001, or its equivalent.
- We believe that GGBS could be used to replace 10-30% of cement used in our panels. We are currently investigating what proportion can be used without negatively impacting on curing properties.

Design

- A standard panel has a thickness of 150mm. Our Design team continue to look at ways to redesigning panels so that they can be made thinner and reduce the material required by approximately 16%.

Alternative Products

- Glass reinforced Concrete (GRC) is an alternative to concrete. GRC panels are 86% thinner and lighter than our reinforced concrete panels. Replacing recon panels with GRC panels will reduce the quantity of material needed by approximately 86%. Further benefits are achieved through lighter loads and maximising deliveries thus reducing the number of deliveries needed by approximately 60%. Lighter loads reduce the amount of fuel required per delivery and reduce emissions.

Techrete management are responsible for implementing the policy and for providing input to the formulation and subsequent modification of the policy. The co-operation of all our employees is sought to enable us to achieve this important objective.



Liam Aylward

Operations Director

30th June 2016