

Water Usage Policy

Techrete is a leading company in the design, manufacture and installation of architectural precast concrete cladding. Techrete uses water in the production of precast panels and recognises the impact of this on our environment and we are committed to reducing this impact through continued improvement of our water management and recycling processes.

Our approach is commitment to:

Water Treatment & Recycling

- Water used in the etching process shall be treated before reuse. We will target a pH level of 7.0 for treated water with a tolerance of -0.5 to +1.5pH.
- Water and waste concrete produced by our factory will be treated and then pumped back into our factory to be reused. The separated aggregates can be recycled and used as a hard-core type material.
- Each year we will review the proportions of mains and recycled water used with a view to setting targets to increase the proportion of recycled water consumed in the following year. Water consumption will be recorded in litres.

Water Metering and Reporting

- Internal water meters are fitted in both factories to allow us to monitor volumes consumed in processes. Usages will be recorded weekly and reports issued to senior management.
- Monthly reports are issued showing the volumes of water used in the etching and polishing processes per m² finished.
- The proportions of mains water and recycled water consumed since sub meters were fitted in April 2011 will be reported on a monthly basis.

Quality and Maintenance

- Whilst we will look for ways to reduce the proportion of mains water consumed, we will not use recycled water where it could compromise the quality of our product.
- We will not reduce the volumes of water used in our etching or polishing processes below manufacturers' recommendations.

Opportunities

- We will continually look for new opportunities or means to reduce our reliance on mains water.

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



Liam Aylward,

Managing Director

09th July 2018