



Telford Extrusions - Understanding Water Bills



Telford Extrusions is part of the Epwin group which is the UK's second largest PVC-U and PVC-UE extruder. The Telford site manufactures 'low maintenance' profiles for the window and door industry. During the manufacturing process large quantities of water are circulated around the machines to cool the extruded profile; this water has to be kept at an optimum temperature to ensure product quality. The process water is passed through a cooling tower, thus ensuring that the water is maintained at the required temperature.



Picture evidencing the water lost through evaporation

Telford Extrusions attended a BESST meeting on 30th October 2008 entitled "Understanding Your Utility Bills". Although the primary focus was on how to interpret utility invoices the meeting allowed for expansion into related areas. Margo Dobson, from Envirowise; during explained the intricacies of the water invoicing process and how we are charged both for water delivered as well as water sent to sewer. She mentioned that if companies could prove water loss in their system was due to evaporation, the water service provider should reduce their sewerage charge.

With the installation of a few sub-meters, Telford Extrusions were able to demonstrate that they were losing between **10,000m³ and 11,000m³** per annum through evaporation; as a result the business is expecting **to save approximately £15500 per annum** on their sewerage charges.

Total Financial Saving
£15,500 per annum



During the manufacturing process water is lost through evaporation rather than via the sewer, reducing their sewer charge.