

The Company



Akristos Limited is a Stoke-on-Trent based small-to medium-sized enterprise supplying raw clays, marls and shales to the building products sector of the ceramics industry. It has also pioneered the introduction of quality assured 'composites' of virgin clays pre-blended with appropriate levels of selective by-products/wastes to provide sustainable raw feed stocks which are also supplied to this industrial sector.

www.akristos.com

The Brief

Akristos Limited was introduced to WMCCE by Staffordshire university. Continuing its strategy of commercial diversification, Akristos has recently become interested in expanding the commercial potential of incinerated sewage sludge ash (ISSA). This material has been shown to have good ceramic fluxing characteristics by the university. In order to determine the commercial viability of the material, Akristos requested that a range of 'demonstration' products be produced by the University to promote and determine market interests.



Project Outcome

Project Start: June 2006

Project Finish: November 2006

The results of the project proved a mix design that produced sufficient characteristics for masonry and paving products. As a result a set of market demonstration samples were produced.



**ISSA Brick
& Paving
Products**

The Project

The project involved setting up a series of Laboratory-based trials to determine the characteristics of the material when mixed with clay and pulverised fuel ash. The results were then used to manufacture masonry and paving products.